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Wood's Seeds

6289
AUGUST 1912

For Fall Planting

GIANT WHITE
NARCISSUS

SUCCEEDS ADMIRABLY
GROWN IN BOWLS WITH
WATER AND
GRAVEL



WOODS
EVERGREEN
LAWN GRASS



STORE AND OFFICE:

12 SOUTH 14TH ST. NEAR MAIN ST.

WAREHOUSES:

14TH ST. ADJOINING MAYO'S BRIDGE,

13 SOUTH 14TH ST. NEAR MAIN ST.

BRANCH STORES:

1707 EAST FRANKLIN ST.

COR 6TH AND MARSHALL ST.

SEED FARMS AND TRIAL GROUNDS:

KENBROOK AND WILLIAMSON'S.

STECHER CO. ROCHESTER, N.Y.

T.W. WOOD & SONS,
SEED GROWERS AND MERCHANTS, RICHMOND, VA.

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Hardy Flowering and Ornamental Shrubs, Vines and Shade Trees

See pages 33 to 36 of this catalog for list and descriptions of the best and most popular varieties. The planting of hardy flowering and ornamental shrubs is increasing to a wonderful extent, as they give more real lasting satisfaction than any other form of flowering and decorative plants. After they are once planted, they grow and increase in size and beauty each year, and require very little care and attention.

THE BEST TIME FOR PLANTING out these hardy shrubs and vines and our hardy roses is the end of October or during November. We suggest to our customers that they place their orders early, to be shipped at the proper season, so as to avoid any delays in receiving and planting them when a good season comes on for setting out.

Orders for these plants have to be filled from our Kenbrook Farm, and should be sent in separate from seed orders, as, of course, all seed orders are shipped direct from our stores at Richmond.

Special Discount in Large Quantities

For orders amounting to five dollars or over, for roses, shrubs or shade trees we will make a special discount of ten per cent. This discount does not apply to orders for seeds or other articles in our catalogue. To parties who desire to purchase large quantities of these, we will take pleasure in quoting special prices on receipt of a list of requirements.

HARDY PERRENNIALS

For Shipment in October or November

Bleeding Heart (*Dielytra*, or *Dicentra Spectabilis*)

An old-fashioned favorite; its long racemes of graceful heart-shaped, pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of a hardy border, and is especially useful for planting in the shade. 20 cts. each; \$1.75 per doz.

Gypsophila (*Baby's Breath*) *Paniculata* A beautiful old-fashioned plant, possessing a grace not found in any other plant. When in bloom in August and September it forms a symmetrical mass 2 to 3 feet high, and as much through, of minute, pure white flowers, forming a beautiful, gauze-like appearance. When cut it is exquisite in combination with other flowers. 15 cts. each; \$1.50 per dozen.

HARDY PHLOXES Assorted colors
15 cts. each; \$1.25 per dozen.

Coquelicot A fine pure scarlet phlox with a crimson eye. 15 cts. each; \$1.50 per dozen.

Miss Lingard A grand white phlox; lilac eye; large individual florets. Blooms earlier and stays in bloom longer than other sorts. 15 cts. each; \$1.50 per dozen.

Cornflower Aster (*Stokesia Cyanea*) A beautiful native plant. Grows from 18 to 24 inches high, bearing freely from early June to October its handsome, lavender blue Cornflower like blossoms, which measure from 4 to 5 inches across. 15 cts. each; \$1.50 per doz.

Red-Hot Poker, Flame Flower, or Torch Lily (*Tritoma Uvaria Grandiflora*) The old-fashioned late flowering sort; spikes 3 to 5 inches high, flowers rich ochre-red, passing to salmon pink. 15 cts. each; \$1.50 per dozen.

Yucca Filamentosa (*Adam's Needle*) Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and tall, blanching spikes of large, fragrant, drooping creamy-white flowers during June and July make it an effective plant for all positions. 25 cts. each; \$2.50 per dozen.

Wood's Seeds Give Fine Results

The following letter, sent us voluntarily by one of the largest and most successful farmers in this section, bears high testimony to the quality of WOOD'S SEEDS.

I wish to express my appreciation of the quality of your seeds. For years I have been using your field seeds—Alfalfa, Alsike, Crimson and other clovers, with about all of the important grasses in quite large quantities, as well as Wheat, Oats, Peas, etc. As for garden seeds, I have just about exhausted the list, some of the products from which, together with samples of farm crops, I used in a farm exhibit at the Virginia State Fair this fall. I have found your seeds clean, invariably of strong germination, and without an exception true to name.—ALBERT R. BELLWOOD, Chesterfield Co., Va., November 8, 1911.

The Bellwood Farm Exhibit, which took first premium at the Virginia State Fair last fall was one of the most magnificent exhibits of the kind ever made, and included the largest variety, both of farm and garden products. An extract from an article in the "Southern Planter" about this exhibit, says:

"It is almost unbelievable that such an innumerable variety of grains, grasses, cereals, roots, bulbs, etc., could be grown on one farm. Albert Bellwood, whose excellent taste and judgment are responsible for the beautiful display, told me that there were more than 500 varieties in the exhibit."

Present Price of Field Seeds.

August 6th, 1912.

Since our Catalog was printed prices have fluctuated considerably and the following are our present prices on Seeds named below:

Crimson Clover.	Per bus. in 5-bus. lots.	Per bus. of 60 lbs.
Choice	\$4 75	\$4 80
Trade Mark	4 95	5 00
White-Blooming, Trade M.	6 90	7 00
Cotton bags holding 2½-bus. 22c. extra.		

When New Crop Crimson Clover arrives freely after middle of August, prices are likely to be lower.

Our Crimson Clover seed are procured from the best quality crops which are raised for seed purposes. Customers should remember this as our "Trade Mark Brand" seed is worth from 30c. to 50c. a bushel over what is usually sold as fair average quality of the New Crop.

Clover Seed.	Per bus in 5-bus. lots.	Per bus of 60 lbs.
Red Clover, Choice	\$12 25	\$12 30
Trade Mark	12 50	12 55
Sapling, Trade Mark	13 00	13 05
Alfalfa, Trade Mark, lb. 16c.	9 45	9 50
Cotton bags holding 2½-bus. 22c. extra.		

	Per bus. in 5 bus. lots and over.	Per bus.
WINTER BARLEY	\$1 08	\$1 10
WINTER RYE	1 05	1 07

Grass Seed. Bags included except on Timothy and Herds Grass, which are 22c. each extra.

When New Crop Timothy arrives freely after the 20th of August, prices are likely to be lower.

	Per bus. in 5-bus. lots and over.	Per bus.
Timothy, Trade Mark	\$3 90	\$4 00
Orchard Grass, Choice	1 80	1 85
Trade Mark	1 95	2 00
Tall Meadow Oat, Choice	1 85	1 90
Trade Mark	2 05	2 10
Kentucky Blue, Trade Mark,		1 75
	100-lb. lots, per lb.	10-lb. lots, per lb.
Herds Grass or Red Top,		Per lb.
Choice	18c.	18½c.
Trade Mark	18½c.	19c.

Seed Oats.	Prices include sacks.
	Per bus. in 10-bus. lots and over.
Red Rust Proof, Trade Mark	\$.63
Va. Gray Winter, Choice	78
" " Trade Mark	85
Appler, Trade Mark	85

Other Seeds about as printed in Fall Catalog. We always fill orders for all seeds at lowest prevailing prices at time order is received, or will take pleasure in quoting prices or mailing current issue of Wood's Crop Special giving prevailing prices at any time.

Soliciting your orders or inquiries, we remain

Very truly yours,

Richmond, Va., Aug. 6th, 1912.

T. W. WOOD & SONS, Seedsmen.

Wood's Seeds for Fall Planting

PRICES OF GRASS AND CLOVER SEEDS, SEED GRAIN and other field seeds are constantly fluctuating. The prices given in this Catalog are those ruling at the time it is issued—end of July. We will take pleasure at any time in quoting prices on request; or will always fill any orders entrusted to us at as low prices as possible for first class seeds.

ABOUT WARRANTING SEEDS.—While we exercise great care, both for our own and our customers' interests, to supply and furnish the best seeds that it is possible to obtain, there are so many conditions—weather and other causes—affecting the growth of seeds and the out-turn of crops, that it must be distinctly understood that all our seeds are sold under the conditions in regard to non-warranty of seeds which have been generally adopted by the seed trade, which are as follows:

We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we sent out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Soliciting your orders or inquiries, which shall always have our best and most careful attention, we remain,

Yours very truly,

RICHMOND, VA., August 1, 1912.

T. W. WOOD & SONS.

Westernwolths Rye Grass

A New Forage and Pasture Grass of Extraordinary Productiveness. The Earliest and Quickest Growing of Hay Grasses.

This new grass has been very extensively grown in Holland, where it is creating a sensation on account of its remarkable quickness in growth and its productiveness. We made sowings of this grass on our farms in Amelia County last year, and were surprised at the rapidity of growth and the large yield which it made. It is decidedly earlier than Italian Rye Grass, and far outyields that grass in productiveness, and can be cut, when sown on good soil and under favorable weather conditions, three or four times in one season.

This grass, in our opinion, will meet a long-felt want for a large-yielding, quick growing, annual hay grass, farmers can sow it in September or October and make cuttings early the following spring either to feed green or for hay, long before any other grasses or clovers are ready. In Holland, on good soils and when top-dressed with nitrate of soda, it has yielded five or six cuttings during a summer, but, of course, to make a yield like that requires good land and seasonable rains throughout the year. It will thrive on almost all soils, but the best results are obtained on heavy loam, clay, or land of somewhat damp character. For one-year hay or pasture, this grass is to be very highly recommended.

It has also been sown in England with most excellent results, and wherever it has been used in Holland or on the continent the demand for this new grass has been very great.

The seed is similar in appearance to Italian Rye Grass, but it makes very much larger yields and quicker growth than that grass.

We strongly recommend to our customers to experiment to a considerable extent with this new grass, believing that when its merits are fully known, it will become one of the most popular of hay and forage grasses for early and quick results.

Sow at the rate of 30 pounds per acre, during September or October, or further South it can be sown as late as the early part of November.

PRICE: per pound, 15 cts.; 10 lbs; and over, 13 cts. per lb.; 100 lbs. and over, 12 cts. per lb.

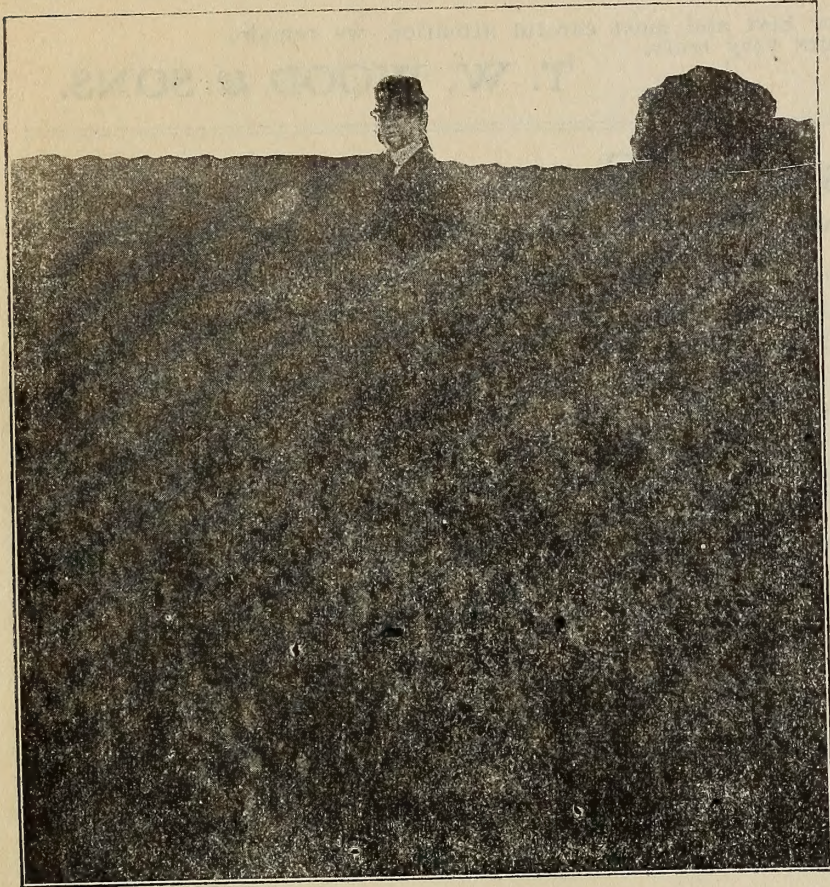
Orders for the Westernwolths Rye Grass cannot be filled before September, as our new crop of seed will not be in before that time. We shall take pleasure in booking orders to be filled as soon as new crop seed is received.



OUR SEED FARMS. We have a total acreage of about 2,000 acres in our seed farms, Kenbrook and Williamson. In addition to the growing of seed, we are constantly making extensive experiments in all branches of seed production, so as to secure the very best and most productive strains of both vegetable and farm seeds to offer to our customers. Our equipment, both for conducting the seed business and the seed growing business is not surpassed by any other seed house in this country.

HAIRY, or WINTER VETCH (*Vicia villosa*)

Make one of the Largest Yielding and most Nutritious Hay Crops Grown. Also makes a Most Valuable Soil Improving Crop, Rivaling Cow Peas in its Nitrogen Gathering Properties.



Field of Vetches grown on one our Seed Farms.

Hairy or Winter Vetches are increasing in popularity wherever they are grown, and are proving to be one of the most valuable crops for fall planting. They not only make a large yield of the most nutritious hay—some of our customers reporting as high as three tons per acre—but they improve the condition and productiveness of land for crops to follow, as much as any crop that can be sown, not even excepting crimson clover and cow peas. The forage is greatly relished by horses and all kinds of cattle, and is very nutritious, and makes fine milk-producing food.

When Vetches are sown early they can also be grazed to advantage during the winter and spring without affecting the yield of forage afterwards, provided they are not grazed later than the first part of April.

We strongly recommend to our customers to sow Vetches liberally and to those who have not done so, to sow at least a small patch, to decide for themselves as to the great value of this crop. On some soils Vetches seem to require soil inoculation, to give the best results, but on the great majority of our soils they will yield splendid crops without any inoculation whatever. Where Vetches do not do so well the first year, it is advisable to reseed them upon the same land, when the resulting crop will be a great surprise in its yield and growth.

Vetches can be sown from July to November and should be sown broadcast at the rate of 20 to 30 lbs. per acre with one bushel of oats or wheat. The oats or wheat help to hold the Vetches off the ground, enabling them to make a better growth and making it more easy to harvest and cure properly. For a hay crop, Vetches should be cut just after the oats or wheat has headed out and before the grain matures. If Vetches are sown alone, without being put in with oats or wheat, they should be sown at the rate of 35 to 40 lbs. per acre. It is much better, however, to sow them with oats or wheat.

PRESENT PRICES OF HAIRY VETCH, lb. 15 cts.; 10-lb. lots and over, 14 cts. per lb.; in 100-lb. lots and over, 13½ cts. per lb. Prices fluctuates. Will quote price at any time upon request. Special price on large lots.

We are constantly in receipt of the most enthusiastic letters from our customers who grow Vetches, and our sales of the seed are increasing largely each successive year. We believe that they are destined to be just as popular and widely grown as Crimson Clover or Cow Peas, and that, considering the crop both from a money and soil-improving point of view combined, Vetches will give better returns than either of these crops.

I bought some vetch seed of you last fall through my merchant and it came up beautifully. The field is a perfect bed of purple just now, and every one who sees it asks what it is. It is so pretty. I always speak a good word for T. W. WOOD & SONS.—MRS. A. B. CLARKE, Goochland Co., Va., June 7, 1912.

Vetches better than clover for hay—easier to cure than peas

We consider vetches equal to or superior to annual clover or cow peas as soil improver on high land. As hay it is better than clover and easier to cure than peas.—LOUIS DE LACROIX, Granville Co., N. C., August 21, 1911.

Vetches and peas keep land covered all the year

The vetch I bought of you last year looks fine now. I sowed it in the corn the last plowing, and I want to do the same thing again. Vetch and peas keep the land covered all the year. I plow under one and sow the other.—A. F. ROBERTSON, Albemarle Co., Va., June 10, 1911.

The oats and vetch I ordered from you made the finest feed and the greatest quantity per acre I ever saw, and the stock all prefer it to anything else.—R. V. VENTERS, Onslow Co., N. C., August 28, 1911.

Hairy Vetch made fine crop—Stock like it very much

I have been well pleased both with the Hairy Vetch and the Appler Oats purchased from you last fall. I have had good crops of both. I cut some of the vetch on May 9th and the remainder on May 15th. I succeeded in getting it all in the barn without any rain and it was a fine crop. I have not weighed it as yet, as I have not baled it; but it met my expectations in every way. My stock like it very much.

The Appler Oat that you sold me I find free from cheat, rye or other foreign growth and seems to be a very fine oat. My crop is entirely satisfactory, though the season has been very dry. I commenced cutting the oats this morning.—Jno. T. West, McDuffie Co., May 22, 1911.

Vetch made two tons of hay from acre

My crop of Vetch from seed purchased of you was fine this year; have cut same and got it in shocks curing. Will have something like two tons of dry hay from one acre of ground.—R. B. FLYTHE, Northampton Co., N. C., May 21, 1910.

Hairy Vetch one of the best Legumes

I consider the Hairy Vetch a fine forage crop. When sown with wheat or oats it can be made into the best of hay, and it is a No. 1 soil-improver. I consider it one of the best legumes.—I. N. PAINE, Iredell Co., N. C., May 17, 1910.

Made 2½ tons of dry hay per acre—finest ever seen in this section

Have just harvested my crop of wheat and vetch from seed bought of you last fall, and am simply delighted. Made 2½ tons dry hay per acre, which is pronounced by all the finest ever seen in this section. Shall order from you again this fall. Am planting the ground now in corn to sow in crimson clover at last plowing.—W. M. HILL, Wilkes Co., Ga.

A splendid soil-improver—Makes great abundance of nutritious food

Hairy Vetch makes a great abundance of good and nutritious food for stock. I sow it yearly. I find it to be a splendid soil-improver. It sometimes fails to grow on some lands the first time, but I have never had it fail the second sowing.—F. D. SWANN, Caswell Co., N. C.

ALFALFA, The Profitable Hay Crop

Yields Four or Five Cuttings a Year of Easily Cured and Most Nutritious Hay

Alfalfa will yield more cuttings and larger yield of splendid, nutritious hay, on soils to which it is adapted, than any other crop. Its use in Virginia and other Southern States is increasing rapidly. Two large farmers in Virginia have now upwards of five hundred acres in Alfalfa, and both are increasing the area devoted to the crop as rapidly as possible, as they find it more profitable than any other crop on the farm.

After alfalfa is once established it lasts for years, yielding as much as four or five cuttings per season, of most excellent and nutritious hay, which is readily salable at top prices. Lands in the western States that are well set in Alfalfa sell readily at from \$100 to \$200 per acre, so that a crop of this kind pays well for extra preparation to secure good land and good crops. It is better to have five acres well set in alfalfa with thorough preparation, than to attempt to put in ten acres without first-class preparation. Alfalfa will do well on any good loam soil, but the land must be well and thoroughly prepared. A heavy application of lime is of decided benefit, the most successful raisers of alfalfa using as much as 2,000 to 5,000 pounds per acre. It is also preferable to sow alfalfa on land that has a porous or gravelly sub-soil that the roots can penetrate. Alfalfa is a deep-rooting plant, and will give best results on soils of this character.

Alfalfa seed sown this fall, the end of August or during September, will, under favorable conditions, yield four or five cuttings the next season. It is most desirable to cut alfalfa frequently, particularly the first season, and it should always be cut just as it is coming out into bloom. The frequent cutting thickens out the stalk and makes it stool out and grow off better, making, with proper care, increased yields at successive cuttings throughout the year. The cuttings the first year, too, enable the alfalfa to get the better of any weeds that may grow with the alfalfa. After alfalfa gets thoroughly established it will hold its own against weeds.

A firm seed-bed is of first importance. For information in regard to preparation in this connection, we would call attention to the information given under the heading of "Clover Seed," on page 4. Alfalfa seed is usually sown broadcast, at the rate of 20 to 30 lbs. to the acre.

Price, Trade Mark Brand Seed, by freight, lb. 18 cts.; 10 lb. lots and over, 17 cts. lb.; per bushel of 60 lbs. \$9.60. Prices fluctuate. Will quote prices at any time upon request.

Our alfalfa seed is the best grade, strong germinating seed, tested and examined by ourselves both for purity and germination. It is entirely free from dodder.

Our Alfalfa seed simply wonderful—not a single weed to be seen—a perfect stand

I think you will be glad to know that the Alfalfa seed I got from you is simply wonderful. There is not a single weed that can be seen—and the whole ground is covered like a carpet. It was sown on April 2d, and is now nearly a foot high. People come to see it, and men who know, say it is really a wonderful sight—a really perfect stand.—MRS. ALLEN POTTS, Albemarle County, Va., May 13, 1912.

Cut almost four tons Alfalfa per acre the first Cutting

The Alfalfa seed I bought from you did fine. I do not believe that the county can beat me on one acre. Cut almost four tons the first cutting.—H. N. POINDEXTER, Halifax Co., Va., May 13, 1912.

Alfalfa seed I bought from you was entirely free from weed and other seed

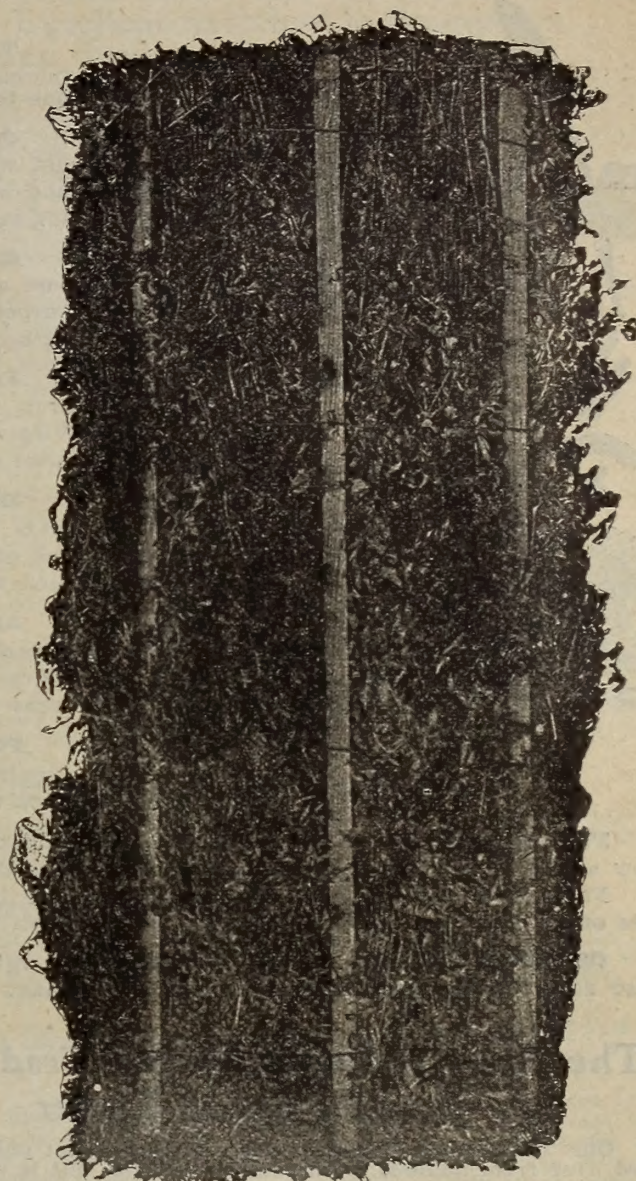
The Alfalfa seed I bought from you last August was entirely free from weed and other seed. I sowed 21 lbs. per acre September 8, 1911, on very sandy land, and cut it April 18, 1912, and cured and sold 2,100 lbs. per acre and cut again May 8, 1912 and got 1,500 lbs. per acre, and now, June 7, 1912, it is 16 inches high. Will buy more seed this fall.—I. E. SARBBER, Elmore Co., Ala., June 7, 1912.

The Alfalfa seed I bought from you in July were fine seed and I think that every seed came up.—R. L. CRESS, Johnson Co., Tenn., January 16, 1912.

The writer purchased from you last summer 50 lbs. of Alfalfa seed and secured soil from Pennsylvania for inoculation, and have been very successful so far with the one acre which he put in, having cut same once already and secured a little over two tons of dry hay.—W. H. HAIGH, Florence Co., S. C., May 31, 1912.

Secured Fine Stand of Alfalfa—Think every seed germinated

The Alfalfa seed I bought of you recently was sown on the 3rd inst., and I have as fine a stand as could be asked for. I think every seed germinated. The recent rains have been greatly in its favor.—J. N. HUSTON, Fauquier County, Va., September 18, 1911.



Bale of Alfalfa Hay grown on Bellwood Farm in Chesterfield Co., Va.

Got a Fine Stand of Alfalfa 12 inches high in less than two months

The Alfalfa I got of you in August was seeded the 22nd of August, and it stands about 12 inches now. I don't think it can be beat. Will want more seed next year.—W. G. LEWIS, Agent, Albemarle Co., Va., October 13, 1911.

Cut Alfalfa four times the first year, five times the second year

The Alfalfa seed I bought of you proved a success as far as getting a stand. I cut four times the first year, and five times the second year.—W. H. KENNEY, Abbeville Co., S. C., July 15, 1911.

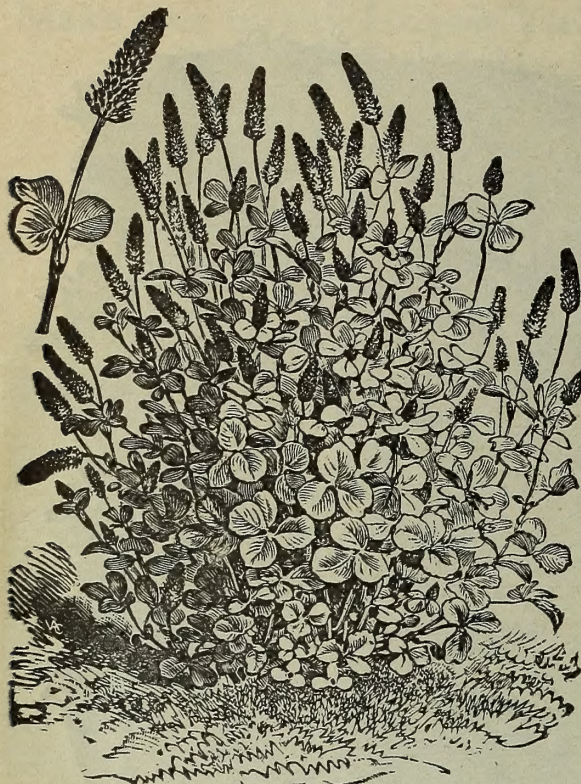
Alfalfa made nine cuttings a year in Florida

I have been for several years experimenting with Alfalfa and all the clovers on the soils of Florida, and I have had a great many failures, but I still stuck at it, as I felt quite sure that I would eventually succeed in growing Alfalfa and all the clovers. I have at last succeeded beyond my fondest hopes. The Alfalfa is now growing on my place more luxuriantly than it does in any State in the Union—at any rate, that is the opinion given by many Alfalfa growers from the Northern States, who have been here to see it—and the Alsike Clover is the finest growth I have ever seen in my country. The Alfalfa produces nine cuttings a year. It really gives more than that, but I don't dare to say more than nine. My success is causing great excitement down here, especially among the many who have recently bought land in the Everglades.—J. M. HASSALL, Palm Beach Co., Fla., April 21, 1911.

Got a fine stand of Alfalfa from Our Seed

I sowed the Alfalfa seed soon after receiving it, and I guess every seed came up, by the looks of it. Got a fine stand for an experiment.—F. A. BERNGARDT, Marion Co., Fla., March 13, 1911.

Crimson Clover, And Some of Its Uses



Crimson Clover

The use of Crimson Clover throughout the Middle Atlantic and Southern States has increased enormously in the past few years, due to the fact that it is unquestionably one of the most valuable crops for late summer and fall seeding.

CRIMSON CLOVER, in addition to its great value as a soil-improver, makes a splendid winter cover crop, excellent grazing during the late fall, winter and early spring, and is one of the earliest, best and most nutritious crops that can be put in for cutting for early green feed.

CRIMSON CLOVER ALSO MAKES A FIRST-CLASS HAY CROP, provided it is cut just as it is coming into bloom, before the seed forms. It can be used for any of these purposes, grazing, early green feed or hay, and even then the condition and productiveness of the land will be improved to a wonderful extent wherever it is grown.

FOR FRUIT GROWERS and for use in orchards, as a green cover and soil-improving crop, Crimson Clover is unsurpassed, and the largest and most successful orchardists in Virginia, Maryland, and Delaware are using it extensively every year, with the best and most satisfactory results.

INCREASES CORN PRODUCTIVENESS WONDERFULLY. Many of our best farmers are sowing Crimson Clover at the last working of corn, plowing the crop down end of the following April or early in May and planting corn again with increased yields each successive year.

AS A WINTER, SPRING AND EARLY SUMMER GRAZING CROP, Crimson Clover is unsurpassed. A great many of our cattle raisers in this section depend upon Crimson Clover for their early grazing and fattening of sheep and cattle, until their regular pastures come into use.

FOR TRUCKERS AND MARKET-GARDENERS Crimson Clover saves fertilizer bills, supplying humus and nitrogen to the soil, increasing productiveness and the quality of crops to a wonderful extent.

FOR DAIRYMEN Crimson Clover is indispensable, furnishing the food, or making splendid nutritious hay. It increases the flow and quality of the milk as well as improving the butter both in color and production.

Farmers who are sowing Crimson Clover are increasing their acreage whenever and wherever possible, as they find it altogether one of the best and most satisfactory crops grown upon the farm.

CRIMSON CLOVER is usually sown at the rate of about 15 lbs. to the acre, during July, August or early in September. It is also sown to the very best advantage at the last working of corn or other cultivated crops.

The Superior Quality of our Trade-Mark Brand Crimson Clover

Our Trade-Mark Brand Crimson Clover is not only high grade seed, free from noxious weeds and impurities, but is of the highest tested germination. We employ an agricultural chemist who has special charge of the testing of all seeds which we sell, and customers can always rely upon the fact that every possible care is used to supply them with the very best quality seeds obtainable.

TRADE-MARK BRAND CRIMSON CLOVER, per lb., 12 cts.; per bushel of 60 lbs., \$5.75. Choice quality seed, \$5.50 per bushel. Price fluctuates. From present indication we expect lower prices after new crop seed comes fully on the market about August 20th. We will quote price at any time, or will fill orders at our lowest prevailing prices at time of shipment.

Sowing Crimson Clover in Corn and by Itself

The sowing of Crimson Clover in corn or other cultivated crops give an ideal preparation. In fact, it is surer to get a stand in this way than if the land is freshly plowed and specially prepared, as freshly plowed land is usually too porous, causing the seed to be covered too deeply and not giving the little plant sufficient root-hold after it does start, and a good firm seed-bed is of prime importance to secure a good stand. When Crimson Clover is sown by itself, the best preparation is to prepare the land some time previous to seeding, and then wait for a rain to fall on the prepared soil before sowing the seed. As soon after a rain as the land is dry enough, a light harrow should be run over the soil, in order to break the crust; then sow the clover seed, covering afterwards with a light or brush harrow. If this plan is followed out, it will almost invariably secure a good stand and good crop of Crimson Clover, no matter what the weather may be afterwards.

Crimson Clover Sown in Corn gave Fine Results

The Crimson Clover seed I received of you I sowed in corn at the last cultivation, sowed it and went through corn with a spike-tooth cultivator. Part of cornfield is set in young fruit trees, that part I went through both

ways. It all looks fine. The ground looks like a meadow, but where I went cross ways I got better stand. I think the clover is all right. Have been using it for some time. Built up a poor piece of ground that wouldn't grow anything, till it is a fine meadow now, but anyone ought to use some lime on the ground to get results.—H. W. MUNDAY, Harrison Co., W. Va., October 16, 1911.

Our Trade-Mark Brand of Crimson Clover Makes Finest Crop Ever Had

From the Trade Mark Brand Crimson Clover Seed sown last year I have the finest crop of clover that I ever had in my life.—H. T. MASON, Accomac Co., Va., May 11, 1911.

Crimson Clover Increases Corn and Cotton Crops Considerably

I find Crimson Clover well adapted to this section, easy to get a stand, is splendid for winter cover crop and early spring grazing. To turn under full crop will increase the corn or cotton crop considerably. I prefer the White-blooming to sow with oats for hay, as it is about two weeks later and, if any difference, a larger growth.—S. A. ALEXANDER, Randolph Co., May 22, 1911.

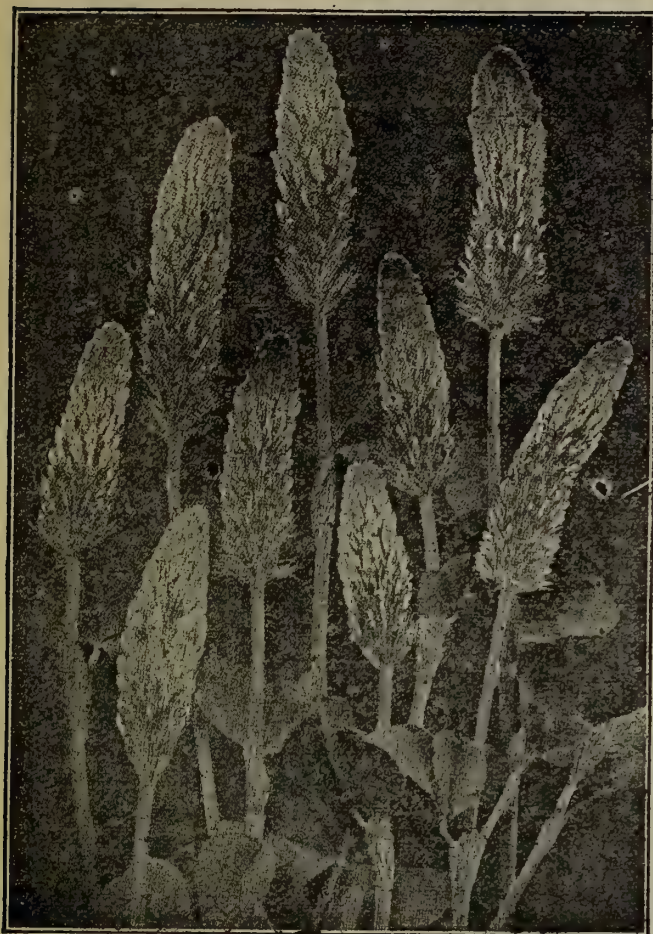
More than Pleased with the Results from Crimson Clover

The Crimson Clover seed I ordered from you last July is just about a knee high. I expect to mow it and have it threshed out. I think my patch will cause several people to order from you this year. I am more than pleased with the result of my seed I ordered from you. I have recommended your seed-house to several. I expect to order some White Blooming Crimson from you shortly.—B. H. FOX, Randolph Co., N. C., May 21, 1911.

Crimson Clover the Best of Land Improvers

I bought some Crimson Clover from you in August which I sowed and I got a fine stand. I believe every seed grew. It is the best land improver any farmer can get and still get a crop off the land at the same time. All the seed I have bought of T. W. Wood & Sons have given good results, for they succeed where others fail.—ALBERT B. JELINCK, Cumberland Co., Va., October 23, 1911.

WHITE BLOOMING CRIMSON CLOVER



White Blooming Crimson Clover

Makes Larger Growth and Better Hay Crop than the regular Crimson—Excellent to follow in Succession for Green Feed or a Hay Crop.

The White-Blooming Crimson Clover is very largely used to supplement and lengthen out the season of the regular Crimson Clover. It can be used for all the purposes for which the regular Crimson Clover is used, grazing, early grown feed and as a hay crop, with the difference that it is about two weeks later than the regular Crimson Clover. One of our largest dairymen in this vicinity sows about equal quantities of the regular Crimson Clover for green feed, but all uses it largely as a hay crop, as it makes even larger yield than the regular Crimson Clover, and comes in even at a better time for the curing and maturity for hay than the regular Crimson Clover.

It will also furnish more and later grazing than the regular Crimson Clover and is an excellent crop to follow and supplement that crop. One of the strongest points about both of the Crimson Clovers is the excellent grazing which they furnish during the early fall, winter and spring, and even late into the summer where they are continually grazed.

We strongly recommend to our customers to sow at least a portion of their crop in this White-Blooming Crimson Clover, as it has many points of superiority over the ordinary Crimson. Sow at the rate of 15 to 20 lbs. per acre, when sown alone, or 10 to 12 lbs. per acre and one bushel of Winter or Appler Oats makes an excellent combination for a hay or grazing crop.

WHITE-BLOOMING CRIMSON CLOVER TRADE-MARK BRAND, lb., 12 cts.; about \$6.50 per bushel (60 lbs). Price fluctuates; will quote on request.

White Blooming Crimson Clover is my favorite for hay. It grows about one-third higher, is two weeks later, coming in when it is warmer, hence comes quicker and better than the regular crimson clover, and makes better hay any way than the Red or Crimson variety.—J. E. RYE, Halifax Co., N. C., October 16, 1911.

Prefers White Blooming Crimson for Grazing

I have only used the White Blooming Crimson Clover as a pasture crop and will say that I am well pleased with it and much prefer the white. As for a soil improving crop, I do not know if there is any difference. I shall use all White Blooming this fall and think some of my neighbors will also use of the White Blooming.—J. D. HERTZLER, Warwick Co., Va., June 13, 1910.

Like White Blooming Better for a Hay Crop

I have used the White Blooming Crimson Clover for several years and like it better for a hay crop than I do the regular Crimson. It is also just as good for soil improving.—HERBERT GREGORY, Granville Co., N. C., June 1, 1910.

Made fine Hay Crop sown with Winter Oats

I have very good luck buying your seed. I bought clover from you last summer and sowed six bushels of the Scarlet and two of the White Blooming. Never had nicer. The white was fine sown with winter oats. I sold three acres of it standing, for \$50.00. Not so bad. Shall want from 6 to 8 bushels this summer.—H. T. MASON, Accomac Co., Va., June 24, 1910.

Stayed green month longer than regular Crimson

The White Blooming Crimson Clover that I sowed from seed purchased of you was just as nice as it could be. I cut it a few days ago and it was about two and a half to three feet high. I have never sowed any before, but I expect to sow more of it hereafter. I will divide my crop this fall by sowing more of the White Blooming Crimson Clover and less of the regular Crimson Clover. The advantage of the White over the Crimson is this: After the regular Crimson was dead ripe and dried up, the white was green and was just turning, last week, when I cut it—staying green about one month after the Crimson was gone. And allow me to say, in conclusion, that I have been dealing with you for about ten years, buying several different kinds of seed every spring and fall, and I have had good luck with everything that you have sent me, and no complaint to make whatsoever.—W. D. UPCHURCH, Wake Co., N. C., June 14, 1910.

White Blooming far exceeded expectations for Grazing

I seeded two bushels of White Blooming Crimson Clover September 15, 1910, on eight acres of fairly good land, having previously drilled five bushels of winter oats, my idea being to have winter and spring grazing for calves and colts, and am most gratified to report that the clover far exceeded my expectations, having carried nine yearling calves and a colt through the winter in fine form and at this writing the clover stands about two feet high, with just a few blooms beginning to show, and the most magnificent green I ever saw. I cannot speak in too high praise of this grand clover and shall most certainly increase my acreage this year. I always feel safe in planting your seed, as they are always true to name and of fine quality.—E. V. SOUTHALL, Amelia Co., Va., May 26, 1911.

White Blooming Crimson Clover better for Grazing

The White Blooming Crimson bought of you last fall was fine and I like it better than the Red especially when sown with oats for a forage crop as its tardiness to bloom gives the oats time enough to ripen, and this year the White Blooming Crimson Clover gave better results than the Red, all find it a better variety for winter grazing when sown with rape.—JOHN OPINSKY, Prince George Co., Va., May 27, 1912.

Have never sown anything to equal White Blooming Crimson

I want to say to you that the Crimson Clover which I bought of you last fall was just fine. I had a lot of it that was so large that it fell down. I certainly think a lot of it, and I will further say that I have never sown anything to equal the White Blooming Crimson. I will just say right here that if anyone wants to sow clover for feed they can't get anything that will equal the White. I sowed two acres just to try it and it just headed anything I ever saw. I sowed it with Black Oats. The White Blooming was about three weeks later than the Red, so that oats got almost ripe before the clover would do to cut. I never saw as much good feed come off of the same piece of land. I am just more than pleased with the White Blooming. There have been four men asked me to order some seed for them.—R. H. FOX, Randolph Co., N. C., June 8, 1912.

WHITE PEARL ONION SETS

These are unquestionably the best of onion sets for fall planting. They are entirely hardy, make a beautiful pearly onion of mild and excellent flavor, and are usually very profitable to grow either for sale as bunch green onions or as dry onions for early marketing. They are also excellent for home use, and we strongly recommend them for a profitable crop or for private garden. Price, qt. 20c.; Peck 90c.; \$2.75 per bushel. Price fluctuates. Will quote price at any time on request. Special price on large quantities.

The White Pearl Onion Sets I bought of you last fall proved the most satisfactory of any sets I ever bought. We have had all the onions we could use this spring, and sweet and crisp, and only one peck of sets. All the seed I have ever bought of T. W. WOOD & SONS were up to the standard which they claim, and I have bought Crimson Clover, Sappling Clover, Orchard Grass, Millet, Timothy seed, Wheat, Oats, etc.; in short, nearly every kind of seed sold by a dealer.—R. ARMFIELD, M. D., Madison Co., N. C., May 17, 1911.

The White Pearl Onion Sets ordered of you last fall were entirely satisfactory, giving me a crop of nice early green onions, just what I wanted. Have also obtained good results from all other seed ordered of you.—V. B. CASEY, York Co., S. C., May 17 1911.

Wood's High-Grade Clover Seed

The rotation of crops is absolutely necessary for profitable farming and to permanently improve the land. In any crop rotation, clovers must take an important part, and if our tobacco and cotton growers, particularly would sow larger acreages in clovers, they would improve their lands to a considerable extent, and save the necessity for so large a use of fertilizer. A good crop of clover will restore fertility to the land and put more humus into the soil than almost any other crop. Nitrate of soda applied at the rate of 100 to 150 lbs per acre as a top dressing in the Spring will also increase the growth and yield to a considerable extent.

The clovers are more generally used for hay, pasturage and soil-improving crops than any of the legumes or other grass or forage plants. The presence of lime in the land seems necessary for the best success with clovers, and a good application of lime is always of decided benefit to both clover and alfalfa, and on soils deficient in lime it is sometimes uncertain to get good stands whereas, when lime is used freely, it nearly always results in good stands and good crops of clover. The best time to apply lime is either before plowing or just after the land is broken up; before harrowing; and the quantity of lime usually applied is from 1,000 lbs. per acre on light or loamy land, and 2,000 lbs. per acre on heavy or stiff lands. An application of land plaster, at the rate of 200 to 300 lbs. per acre, as a top dressing in the spring, will also benefit the clover very considerably. The best fertilizer to use, at seeding down clover, is ground animal bone.

Land well set in clover not only makes a good forage or hay crop, but is improving the condition and productiveness of the land at the same time. The clovers are also almost indispensable for best results in hay and pasturage mixtures.

Best Time and Method of Seeding

The Red, Mammoth Alsike and Crimson Clovers are quite largely sown at the last working of corn, and this is an excellent time for seeding. Sown at this time, these clovers will yield full cuttings the following season, and the chances for securing stands of clovers when sown at the last working of corn are found by experience to be fully equal to, if not better than sowing at any other time. A firm seed-bed is of prime necessity, and, when sown at the last working of a corn crop, the conditions are usually very good for giving good stands of clover. The clovers can also be sown either by themselves or with a grain crop, the end of August or during September, and further South, early in October. Japan Clover is adapted only for spring and summer seeding and should not be sown before the middle of March, as it requires warm weather to germinate satisfactorily. The best month for seeding Alfalfa or Lucerne in the fall are August and September. Alfalfa, or Lucerne, should always be sown by itself, and not with any other grass, clover or grain crop.

A FIRM SEED-BED IS OF FIRST IMPORTANCE in seeding both clover and grass seeds, and it is always better to prepare the land some time previous to seeding. The land should be well and deeply plowed, and then harrowed and reharrowed, so as to have the surface as fine as possible; then sow your grass and clover seed, covering with a light or brush-harrow or a roller is best if the ground is not too wet. Grass and clover seeds should not be covered more than an average of about half an inch deep, and if sown on land that is too freshly prepared, or is not well prepared, it is almost impossible to prevent deeper covering. Our experience is so strongly in favor of a firm, well-prepared seed-bed, that we feel we cannot urge it too strongly upon our customers as of first importance, if you desire good stands and good crops of grasses and clovers.

For Late Summer and Fall Seedings

it is better to prepare the land and then wait for a good rain to fall upon the prepared soil before seeding. As soon after a good rain has fallen as the land is dry enough, run a harrow over the soil to break the surface crust and then sow your grass and clover seed, covering afterwards with a light or brush harrow, or a roller can be used if the ground is not too wet.



Red Clover

RED CLOVER, (*Trifolium pratense*)

Red Clover not only furnishes most excellent pasturage and fine hay crops, but its growth improves the land and adds humus to the soil wherever it is grown. It is the standard hay, pasturage and soil-improving crop wherever general farming is practiced.

Red Clover will yield crops several years from one seeding, and on good land will yield two cuttings per year. The first crop makes rich feed, and is the most valuable for hay. The second crop does not make so good a quality of feed. Red Clover should be cut for hay when in full bloom. For hay it is particularly well adapted for sowing with Orchard and Tall Meadow Oat Grass, as it ripens at the same time, and sowing these three grasses together will give larger yields and of better quality hay than sowing either alone. It is also largely sown with Orchard Grass, and Tall Meadow Oat Grass, both for hay and pasturage. When sown by itself, sow 10 to 12 pounds per acre, either in the fall or spring, or at the last working of corn.

Present Price Trade Mark Brand Red Clover Seed, by freight, **22 cts.**; bushel about **\$12.50**; choice grade **\$12.25 per bu.** Price fluctuates. Will quote prices any time or fill orders sent us at lowest prevailing price.

I have a fine stand for the Sapling Clover I bought of you last spring. Everybody who sees it says it is the finest they ever saw.—C. W. ROBERTSON, Albemarle Co., Va., February 14, 1911.

Just received the clover seed bought of you, which were in good condition, nice and clean also your "Crop Special" with which I am delighted, as it contains the information I most needed in regard to clover. Would like to receive the binder for the "Crop Special."—J. M. RICHARDSON, Jackson Co., Ga., January 18, 1911.

MAMMOTH, or SAPLING CLOVER

This is similar to Red Clover in both the appearance of the seed and its habits of growth, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy, Meadow Fescue or Herd's Grass or Red Top, as it matures about the same time as these grasses. The appearance of the seed of this is identical with the Red Clover, and on this account it is impossible to distinguish any difference between the two by the appearance of the seed. We always obtain our supplies from reliable sources, but in this, as in all other seeds, we give no warranty in any way, simply using every reasonable care to supply Mammoth or Sapling Clover as ordered. Sow ten to twelve pounds per acre by itself or with Timothy. Six pounds of Clover and eight pounds of Timothy will give a liberal seeding. **Price, Trade Mark Brand, Mammoth, or Sapling Clover, lb., 25 cts.; about \$13.00 per bushel of 60 lbs.** Price fluctuates. We expect lower prices when new crop comes in.

I bought both the Sapling and Alsike Clover from you for spring seeding on oats last spring. Despite the most unfavorable weather conditions I got a very fair stand on very poor land. Regard this as speaking most highly for vitality of your seed. My own clover formerly sown died with the spring drought.—R. G. BICKFORD, Warwick Co., Va., October 10, 1911.

Sapling Clover grows well in my section. I have sowed it for two years and haven't had a clover crop of any sort to give me better results, and better still, it is a great land improver.—E. PATTON, Macon Co., May 23, 1911.

I want to thank you for the nice Sapling Clover seed you sent me. I have got the finest stand you ever saw, where it was never known to get a stand.—M. L. SITTON, Swain Co., N. C., August 5, 1911.

Alsike Clover, (*Trifolium Hybridum*)

Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drouth and also severely cold weather to a remarkable extent. It succeeds on a variety of soils, light upland loamy lands, as well as stiff bottom lands. The good qualities of Alsike are being rapidly appreciated everywhere. It is surer to give a good stand and make good crops than either the Red or Mammoth Clover, and in sections where these clovers have been uncertain. Alsike is superseding them almost altogether. Particularly is this so in the State of Tennessee, where Alsike is being very extensively and generally used. In this section the use of Alsike is growing rapidly, not only for sowing by itself, but also in mixture with Red and Mammoth Clovers.



Alsike Clover.

The seed of Alsike Clover, being much smaller than the Red or the Mammoth Clover, does not have to be sown so thickly, and consequently it costs less to seed an acre than of either the Red or Mammoth Clover. The quantity of seed per acre when sown alone is 6 to 8 lbs. Sown in mixture with other grasses or clover, 5 lbs. per acre is sufficient. **Present price of Trade Mark Brand Alsike Clover, 22 cts. per lb.; \$12.00 per bushel.** Price fluctuates. We will fill orders sent to us at lowest prevailing prices, or will quote prices at any time.

Alsike stands Dry Weather better than Red Clover

The Alsike Clover was sowed February 25th, and a finer stand I never saw, and has stood the dry weather all summer, when Red Clover has all died out. I am more than pleased with it.—N. J. VINES, Washington Co., Tenn., August 28, 1911.

Alsike better suited to our soil and climate

Alsike Clover is better suited to our climate and soil than any variety of clover I have tried. Stands the sun better, and is a sure stand. Seeds are so small it takes less for seeding. My purpose in sowing it was to have it grow on wheat and oat land as a soiling crop after the grain was cut. Sowed it in February and March and raked in with weeder. Some was killed out or could not germinate because of that dry weather just after sowing, but the other did well and made a fine soiling crop. The land is in corn this year, and we expect to reap the fruits of the clover crop turned under.—MRS. C. E. WATSON, Greenville Co., S. C., June 1911.

Alsike Clover makes finest Hay I ever saw

I am much pleased with Alsike Clover. Have just mowed two acres from seed I bought of you last spring, which I sowed on wet bottom land—places which would not thrive in any other clover mixed with Timothy and Red Top. Made finest hay I ever cut. It seems to adapt itself to all conditions of soil better than any other clover I have ever used, especially low, wet land.—C. D. LAWRENCE, Henry Co., Va., June 9, 1911.

Alsike Clover best for thin land

I bought a bushel of Trade Mark Brand Alsike Clover last spring and mixed it about half a half with Timothy and sowed the seed on a piece of land that was in wheat. I don't believe I ever saw a better set of clover. I believe when the farmers of this section get to sowing Alsike Clover they will find it to be the clover suited to thin land.—CHAS. F. STOWERS, Tazewell Co., Va., March 18, 1911.

Burr Clover

For South Atlantic and Gulf States this is a most valuable winter grazing crop, growing luxuriantly all through the winter and until summer. After once being seeded, it reseeds itself and improves in growth and appearance each succeeding year. It is admirably adapted for use with Bermuda Grass, and the combination of the two makes a splendid all-the-year-round pasturage. It is also well adapted for use in regular pasturages, and will give a considerable increase in the quantity of pasturage just at a time when it is most appreciated.

The plant matures its seed early in the spring, and produces seed abundantly after the first year, and no reseeding is necessary, unless the clover has been pastured so closely as to prevent it from maturing seed. When sown on Bermuda Grass sod, the sod must be scarified to give the clover a chance to get its roots in the soil below the layer of Bermuda roots. This scarifying is also beneficial to the Bermuda Grass.

Burr Clover produces its seeds in slender, prickly pods, which precede Alfalfa.

Burr Clover produces its seeds in slender, prickly pods, which come spirally wound up into a ball or boll.

This seed is very hard to thresh out, and we can only offer the Southern-raised seed in the burrs. Some of our farmers claim that the Southern Burr Clover grows larger than the California-grown, although it was originally called the "California or Burr Clover." Price of the seed is as follows: **California-raised seed, cleaned, 1b. 30 cts. postpaid.** By freight, 1b. 18 cts.; in 10-lb. lots and over, 17 cts. per lb. **Southern-raised seed, in the burr, not cleaned, 1b. 18 cts.; in 10-lb. lots and over, 17 cts. lb.; 100-lb. lots and over, 15 cts. lb.**

I cannot say enough in the praise of Burr Clover. I think that Burr and Crimson Clovers, with the Vetches, have done, or will do, more for Southern pastures and red clay hills than anything since the advent of the cow-peas.—N. E. STAFFORD, Marion County, S. C.

Japan Clover

Adapted for spring and summer seeding only. For full information, see Annual Descriptive Catalog issued in January. Prices quoted on request.

Bermuda Grass

One of the most valuable pasturage grasses for the far South. Full information and description is contained in our Spring Catalog. Recommended for spring seeding only. **Per lb. \$1.00, postpaid.**

White Clover, (*Trifolium Repens*)

This is very largely used in lawn and pasturage mixtures and is indigenous to the soils throughout this section. It makes a small, close, compact growth covering the ground like a carpet. Does well all through the South. Sow either in the spring or fall. When sown by itself, sow 5 or 6 pounds per acre; it is better, however, sown in mixture with other grasses. See our Special Mixtures, pages 9 and 10. **Price of our Trade Mark Brand Seed: 1b. 40 cts.; 10 lbs. and over, 38 cts. per lb.** Special prices on large lots.

White Bokhara or Sweet Clover (*Melilotus alba*)

This is sown and used quite largely in some sections as a forage and soil-improving crop, and is particularly valuable for thin lands or to sow on hillsides that are liable to wash or gully, and it also gives the inoculation necessary, for the best success with alfalfa. For feed or forage it should be cut when quite young, for when it gets old, cattle do not relish it, and it is not of very high nutritive value. It is also largely used for sowing for bees. **Per lb. 15 cts.; 10-lb. lots and over, 12 cts. per lb.**

The Value of Burr Clover and Bermuda Grass Pasture

By freight, 1b. 90 cts.

Recent publication states as follows:

The South, which is the very section where they can be made easily, is sadly deficient in pastures. No attention has been given to them; it has all been given to cotton. But the Southern farmer, if he will devote some time and effort to the subject, can have as good a pasture as was ever seen in Kentucky or Missouri, and have that pasture available for grazing Burr Clover from January until the Bermuda comes on again. The combination will equal Burr Clover and Bermuda Grass.

pasture there is no combination, either in the North or in the South, than more months in the year than is possible in those states. For a permanent permanent after they are once established. To supplement the permanent pasture, temporary pastures should be grown, as cow peas, peanuts, etc., but

The Bermuda can be grazed throughout the summer months and the no farmer who has stock can afford to be without this permanent pasture

The Marbury Lumber Co., of Augusta County, Alabama, in a tion will afford grazing at least ten months in the year. Both plants are employed.

combination to be ready for use when the temporary pastures cannot be

Wood's High-Grade Grass Seed

THE FALL SEEDING OF GRASS AND CLOVER SEED is to be specially recommended. The end of August and during September is best for seeding grasses and clovers in the fall, although they can safely be put in up to the middle of October. If sown after that time, it is better to defer sowing clover until the spring, although Orchard Grass, Tall Meadow Oat Grass, Red Top or Herd's Grass, Timothy and similar grasses can be satisfactorily put in up to the first of November in the eastern part of the Carolinas and further South.

BEST METHOD OF PREPARATION AND SEEDING.—A good, firm seed-bed is of prime importance, and to secure this, the ground should be well and deeply plowed some time previous to seeding, if possible. It should then be harrowed and re-harrowed several times, so as to put it in first-class condition. After the ground is in good tilth the seed should be carefully sown, either by hand or using the Cahoon Broadcast Seed Sower—the latter is best—and they cover by rolling; or, if a roller is not available, by a light or brush drawn harrow. Rolling is, however, preferable as it firms the soil and does not cover the seed too deep. Care should be taken not to cover the seed more than about an average of an inch deep. Wood's Pure Animal Bone is the best fertilizer you can apply for grass and clover, as it is immediate and also lasting in its effects.

The descriptions that we give in this catalog are especially full and complete. The description of the varieties, the suggestive combinations with other kinds, the adaptability for various soils and conditions, with other information, will be found of especial use and value in arriving at correct conclusions as to the best varieties of grasses to use for the purposes which are desired to be obtained.

PRICES ON GRASS AND CLOVER AND ALL FARM SEEDS FLUCTUATE.—The prices named are those ruling at the time this catalog is printed. We will quote prices at any time, or will fill all orders entrusted to us at ruling prices at the same time the order is received.



Orchard Grass

Orchard Grass, (*Dactylis glomerata*)

Orchard Grass is a very vigorous grower, and yields large crops of excellent and most nutritious hay, and will last for years in increasing value with proper treatment. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again, and usually two good crops of hay can be cut in a season. Orchard Grass is also excellently adapted as a pasture grass, and also succeeds in shady situations, such as orchards, parks, etc., better than most other grasses. Orchard Grass succeeds and grows upon nearly all soils that are not saturated with water. It does best, however, on loamy uplands or moderately stiff soils, although it will succeed very well even on soils that are inclined to be of a sandy texture. It matures early, and is excellently adapted for sowing with Tall Meadow Oat Grass and Red Clover, and this mixture is very highly recommended. Orchard Grass fields can be kept in a continuous state of productiveness, provided a light seeding is made early each spring, should any bare spots appear in the field, and an occasional top-dressing of stable manure or ground bone during the winter will fully maintain its productiveness.

Orchard Grass can be sown either in the spring or fall, although it is best sown in the spring. Sow at the rate of two bushels per acre, or if sown with Red Clover, 1½ bushels of Orchard Grass and 8 lbs. of clover are the quantities usually sown. Also see under "Tall Meadow Oat Grass" for suggested combination with that grass.

Present price of our Trade Mark Brand: Per lb. 20 cts.; bushel of 14 lbs., about \$2.25; choice quality seed, per bu. \$2.10. Price fluctuates. Will quote price at any time upon request.

Tall Meadow Oat Grass, Also Called Evergreen Grass.

This grass is increasing in popularity wherever it is grown. It seems to make more leafage and grazing and a larger yield of hay, and to keep green longer, both during the winter and summer, than other grasses. It is especially desirable and adaptable to the South. It withstands the heat and drought of midsummer and cold of winter starts very early in the spring and continues to give good grazing until late in the fall. For hay it can be cut twice in a season. Its nutritive qualities are first-class. It ripens at the same time as Orchard Grass, and gives the very best results sown with it and Red Clover. For hay, it should be cut while in bloom. Tall Meadow Oat Grass is best adapted for good loamy uplands, but gives excellent results on nearly all soils, and better results than any other grass on light, medium or sandy soils. Farmers who have been sowing this grass for years are especially well pleased with the returns from it, and are sowing constantly increasing acreage each year. When sown by itself, sow at the rate of two to three bushels per acre, either in the spring or fall. Sown with Orchard Grass and Red Clover, the quantities usually sown are one bushel (11 lbs.) Tall Meadow Oat Grass, one bushel (14 lbs.) Orchard Grass, and 6 lbs. Red Clover. The addition of 5 pounds Fancy Clean Red Top or Herd's Grass seed to the acre in this mixture increases the aftermath and the yield of grazing. This combination is excellent, and one that has given the most satisfactory results. Price, 1b. 20 cts. Trade-Mark Brand seed, bushel of 11 lbs., about \$2.10. Price fluctuates. Existing prices on request at any time.

I have tried your Tall Meadow Oat Grass and think it is fine.—ADOLPHUS MORRIS, Stanley Co., N. C., July 19, 1911.

My success with Tall Meadow Oat Grass has been simply great. On one small piece last year of two-thirds acre, it yielded me over three tons of hay first cutting; it stood in the field six feet high. I have been growing this hay for four years and like it better each year. I will increase my acreage this fall. In my opinion, this will yield more hay to the acre than anything else I have ever tried, and I have tried all of the leading grasses. Have had fine luck also with Red Top, and now I only plant Tall Meadow Oat Grass for early cutting, and the Red Top for late.—N. L. VAN NAW, Gloucester Co., Va., June 6, 1910.

The Tall Meadow Oat Grass I bought from you was all right and I made a good crop of hay this year, altogether there was not much of a crop through the country. I think it is fine hay if cut at the right time, and makes more hay than any other grass, but I like clover with it.—C. A. HOY, Charlotte Co., Va., October 16, 1911.

I have a fine catch of the grass sown from the seed bought from you in February and sown the first of March with oats. I also have thirteen acres of fine clover sown in cotton last August.—J. T. BRYANT, Southampton Co., Va., April 26, 1911.

The Orchard Grass that I ordered came to my station all right and in good shape. I think it is the finest I have ever sowed. I have been recommending your grass seed to the farmers around here.—ELIAS BOLTARD, SR., Barbour Co., W. Va., April 30, 1912.

I am in need of some grass seed, and I have found yours to be the best I ever used.—J. C. GRAYSON, Wilkes Co., N. C., March 6, 1912.

The Orchard Grass Seed I bought from you I sowed last spring on very poor land (where I had sowed timothy seed the summer before at last working of corn and failed to get any set) and I have a good set and fine pasture now. Orchard Grass is choice grass for pasture grass. It will set most anywhere and last good. All the seed I have bought from you have given better results than seed bought elsewhere.—J. E. BEVERLY, Dickenson Co., Va., May 17, 1911.

Kentucky Blue Grass (*Poa Pratensis*)

Kentucky Blue Grass makes an excellent pasturage and lawn grass, succeeding best on limestone land, but does well on stiff or clay and medium soils. It is rather sensitive to heat, but not so to cold weather, and on this account does its best in the fall, winter or spring. It grows slowly at first, forms a compact turf, making a fine pasturage when once established. It is best, however, to combine other grasses with it for either lawn or pasturage. A thick well-set sod of Blue Grass is usually considered the ideal pasturage, both for nutritious qualities and yield, and wherever Blue Grass succeeds, its should be one of the principal constituents of all pasturage mixtures. Blue Grass is slower to become well set than other grasses, consequently it is always better to sow in mixture with other grasses, so as to give quicker pasturage, until the Blue Grass gets well established. Sow in the fall or spring at the rate of 40 to 50 pounds per acre. Fancy Clean Seed, lb. 20 cts; 5-lb. lots and over, 16 cts. per lb.; bu. (14 lbs.) \$1.75. Special prices in quantities.

Meadow Fescue or Randall Grass, (*Festuca pratensis*)

This makes a most excellent hay and pasturage grass, and is particularly valuable for fall and winter pasturage, as it remains green throughout the winter. It is also a splendid spring and summer grass, and usually makes more and thicker leafage than any other grass we have ever grown. It is very popular in Southwest Virginia, East Tennessee and the mountainous district of North Carolina, where it is very highly appreciated as a large-yielding, nutritious pasturage and hay grass. It succeeds well in nearly all sections of the South, and should be very largely used in pasturage and hay mixtures, being specially suitable for sowing with Red Top and Timothy for hay, or with these and Orchard and Tall Meadow Oat for permanent pasturage. Sow either in the spring or fall, at the rate of two bushels to the acre, if sown by itself. When sown with Red Top and Timothy, sow one bushel (14 lbs.) Meadow Fescue, 5 lbs. Fancy Clean Red Top and 6 lbs. Timothy per acre. Sown for a grazing mixture with Orchard and Tall Meadow Oat Grass, add half a bushel each of these two grasses. Price on request.



Kentucky Blue Grass



Herd's Grass or Red Top

Red Top or Herd's Grass

Red Top, or Herd's Grass, is proving one of the best and most satisfactory grasses all throughout the South. It seems to be adapted to all soils and situations succeeding well on light, sandy soils, as well as stiff upland and low ground, and it really succeeds better in moist situations, than almost any other grass. After once being established, it thickens and improves year by year, taking possession of the land and increasing in yield and quantity each successive year. We believe it is really one of the most valuable of all grasses for the South, and it should be a large constituent part of all mixtures intended for permanent hay or pasture. It seems indigenous to nearly all our Southern soils and while it lasts a long time and spreads rapidly, it is easily eradicated in case it is desired to put the land in cultivated crop. It makes excellent pasturage and good crop of fine quality hay. It is rather late in starting in the spring, and matures its crop at the same time as Timothy. Is excellently adapted for seeding with Timothy for hay, and furnishes excellent pasturage afterward. When it gets well established it spreads, and will gradually supplant other grasses. Our Trade Mark Brand of the Fancy Clean Red Top is of extra fine quality, and carefully cleaned for impurities. We can also furnish the Choice and Prime Fancy Cleaned Red Top as usually sold. It requires from 8 to 10 pounds to seed an acre of the Fancy Clean seed. When sowing with Timothy, sow 6 lbs. of the Fancy Cleaned seed and 8 lbs. of Timothy per acre. It can be sown either in spring or fall. Trade Mark Brand, fancy seed, lb. 20 cts. Prices fluctuate; quoted upon application.

The Red Top I bought of you has taken all the Clover and Timothy which were sown with it, and is as fine a piece of grazing land as I ever saw.—J. D. FITZPATRICK, Alleghany County, Va.

The Herd's Grass that I bought of you is doing well, as it always does for me. I sow for pasture principally. I never find any trouble to get a stand as I do with some of the other grasses. It is a fine grass to hold hill land. For hay, I think it should be sown with Timothy and Red Clover.—S. HUTCHESON, Mecklenburg County, Va.

Rough Stalk Meadow Grass (*Poa trivialis*)

A valuable pasturage and lawn grass largely used in mixtures recommended for dry soils and situations. Does well on hillsides. (See Special Mixtures, page 9 and 10). Pound, 35 cts.

Meadow Foxtail (*Festuca Pratensis*)

Fine, permanent pasturage grass which does not come to perfection until two or three years old. It is splendid in mixtures for soils of intermediate quality as to moisture or dryness. (See Special Mixtures, pages 9 and 10). It resembles Timothy, but is three or four weeks earlier, being one of the earliest grasses to start in the spring. No grass bears the hot sun better, and frequent mowings do not injure it. Sow 15 pounds per acre. Pound 40 cents; in 10-lb. lots and over 35 cts. per lb.

Creeping Bent Grass (*Argrostis Stolonifera*)

This grass somewhat resembles the Red Top or Herd's Grass in growth and appearance, and is considered by many practical men as fully equal, or even superior, to that grass. It is certainly a splendid grass and well adapted for the South, and should be largely used in all lawn and pasturage mixtures. (See Special Mixtures, pages 9 and 10). It has creeping or stoloniferous roots, and spreads and holds to the soil in a very tenacious way; at the same time it is easily eradicated if desired. When sown by itself sow 25 to 30 lbs. per acre. Pound 30 cts.; 10 lbs. and over, 28 cts. per lb.

IF YOU ORDER SEEDS TO BE SENT BY MAIL ADD 10 CTS. PER LB. TO COVER POSTAGE, EXCEPT WHERE SEEDS ARE QUOTED POSTAGE PAID.

Timothy, (*Phleum pratense*)

This makes one of the most popular nutritious and salable of hay grasses. It is best adapted for sowing on clay or heavy loam, lowlands or in mountainous districts, although it will do well on any good loamy soils, provided moisture is abundant. It does not succeed so well, however, as orchard, tall meadow oat or herd's grass on soil of a sandy or light loamy texture, and is not of so much value for pasturage as other grasses. The stand of Timothy will also be injured if grazed or cut too closely. The yield of hay on good ground is from one and a half to three tons per acre. Timothy requires good land to make good crops. It does not root as deeply, and is not considered as much an improver as other grasses; consequently should not be sown on land deficient in humus or vegetable matter, nor on soils of a

light or sandy nature. The best clover to sow with Timothy is either the Sapling or Alsike, as they mature and ripen with Timothy. The practice of sowing the common red clover with Timothy in this section is not advisable, as they do not ripen together, the clover being ready two or three weeks before the Timothy; thus, either one or the other must be cut at a stage which will not give the best results. Red Top or Herd's Grass and Meadow Fescue mature at the same time as Timothy, and are excellent grasses to sow with it, both for hay and pasturage. They will increase the yield of hay and will very largely increase the yield and value of the pasturage. Timothy by itself requires to be sown at the rate of about a peck (11 lbs.) to the acre, or with clover, 10 lbs. of Timothy and 6 lbs. of clover will give a good seeding. A mixture of Timothy, Red Top, Meadow Fescue and clover should be sown in the following proportions: 8 lbs. Timothy, 6 lbs. clover, 6 lbs. Fancy Red Top, ½-bushel Meadow Fescue. These will furnish an excellent mixture, both for hay and pasturage, on good loamy, clay or low-ground soils. **Present price of our Trade Mark Brand, lb. 16 cts.; bushel of 45 lbs. about \$6.25.** Price fluctuates. We expect very much lower prices on Timothy when the new crop comes fully on the market the first of September.

I have a fine catch of the grass sown from the seed bought from you in February sown the first of March with oats. I also have thirteen acres of fine clover sown in cotton last August.—J. T. BRYANT, Southampton Co., Va., April 26, 1911.

I wish to say that your seeds that I have ordered from you for the past ten years have given perfect satisfaction. The Red and Mammoth Clovers, Timothy, Red Top, Orchard and Blue Grasses, the Money-Maker, Sir Walter Raleigh and Cobbler Potatoes, the Early Jersey and Charleston Wakefield and Late Flat Dutch cabbages, and your corn and garden vegetable seeds have been fine. The

Bundle of Timothy Hay as Grown on Bellwood Farm, Chesterfield Co., Va.

yield has been good from all of the above seed. I recommend your seed for Western North Carolina.—C. E. CAMPBELL, Swain Co., N. C., February 21, 1911.



RED FESCUE, (*Festuca ovina*)

This makes a fine growth and thick turf, and is most valuable both for pasturage and lawns. Sow about 2 bushels per acre, if sown by itself. It is best, however, to sow this with other grasses. **Pound, 30 cts.; 5-lb. lots and over, 25 cts. per pound.**

SHEEP FESCUE, (*Festuca ovina*)

A densely tufted perennial grass, roots deeply and forms dense short turf, suitable for lawns and pleasure grounds. It furnishes excellent grazing and is well adapted both for lawn and pasturage mixtures. Sow 2 to 3 bushels per acre, if sown by itself. Sow about 25 pounds per acre. **Pound, 25 cts.; bushel of 14 lbs., \$2.80.**

CRESTED DOG'S TAIL

A valuable pasturage grass, largely used in mixtures recommended for dry soils and situations. Does well on hillsides. **Pound, 30 cts.**

PASPALUM DILATATUM

A fine pasturage grass for the South. Recommended for spring seeding only. See our Annual Catalog for full description. **Price, large trial packages, 25 cts., postpaid; per pound, 40 cts.; in 10-lb. lots and over, 35 cts. per lb.**

Please send me your Crop Special regularly. It is always a welcome visitor. I have been buying seed from you for ten years and have never gotten a bad lot yet, and your Trade Mark Grass Seed is always better than I can get elsewhere.—L. A. TURNER, Loudoun Co., Va., February 15, 1909.

Hungarian, or Awnless Brome Grass, (*Bromus inermis*)



Hungarian Brome Grass

This grass is valuable for light or sandy soils or dry situations. It roots deeply, and stands protracted droughts well, and will thrive upon soils too poor and dry to grow anything else but broom-sedge; hence is valuable for such situations, both for grazing and hay, and especially in mixtures with other grasses.

Hungarian or Awnless Brome Grass is quicker-growing than most other grasses, making a better showing early than orchard or tall meadow oat grass. These two latter grasses will outyield it after they get well established. It is an excellent grass, however, to use in mixtures, or a good grass to sow alone on soils of a light texture.

Sow at the rate of from 2 to 3 bushels per acre. **Price of new crop seed, for shipment after September 15th. Lb. 18 cts.; bus. of 14 lbs. about \$2.00.**

I think Brome Grass is a fine pasture grass for western North Carolina, and that farmers will get stands on droughty lands where other grasses fail. At least, that has been my experience, and I shall always sow Brome and Orchard grasses for pasture.—W. T. RHODAMER, Haywood County, N. C.

The Hungarian Grass compares very favorably with other grasses of my knowledge. It grows taller but does not stool out like the Orchard Grass. I can certainly recommend your seed as being the best obtainable.—JACK N. INGRAM, Randolph Co., May 18, 1911.

Italian Rye Grass, The Quickest Growing of Hay Grasses

Sown in the fall, Italian Rye Grass furnishes a full cutting of excellent and most nutritious hay the following May or June, and will also furnish two or three additional cuttings the same year. It is the quickest growing of hay grasses, and will also furnish excellent pasturage during the fall, winter and early spring. Can be sown to advantage either by itself or with other grasses or clovers, and some of our customers have had excellent results when sowing in combination with Crimson Clover to be used for pasturage and hay. It succeeds very well on all soils, and is particularly recommended for rich or heavy low grounds, and it will stand more overflow than any other grass with which we have had experience. Italian Rye Grass is principally recommended for fall seeding, and can be sown during August, September and October. It should be sown at the rate of 25 to 30 pounds to the acre, and, as it is an annual, it requires seeding each year. It should be cut when heading out for hay. Present price of our **Trade Mark Brand Seed, per bushel of 14 lbs. \$1.10; in 5-bushel lots and over, \$1.00 per bushel.** Special price on large lots.

Fine Success with Rye Grass Sown with Crimson Clover

I had good success with Italian Rye Grass and Crimson Clover sown together this year, getting one crop of Crimson Clover and one crop of rye grass, about two and one-half tons altogether, from one acre:—F. A. YONGE, Fairfax Co., Va.

Italian Rye Grass Fine for an Early Hay Crop

This is the third year I have sown your Italian Rye Grass. I simply think it is fine to cut as an early crop, and the finest thing I ever saw with annual clover for a pasture. It will come a month earlier than anything I can find for grazing cows.—H. P. HARRELL, Wake County, N. C.

Italian Rye Grass in mixture Makes Splendid Crop

I used the mixture of Clover, Orchard and Italian Grass, and it has given me a splendid crop of grass. It is fine.—ZEB. V. WALSER, Davidson County, N. C.

Always Sows Italian with other grasses

We have used Italian Rye Grass for ten years with much success. It germinates easily and withstands the coldest winters. We generally use it in the following mixture—viz.: Twenty lbs. orchard grass, 10 lbs. clover, 10 lbs. Italian Rye Grass—a total of 40 lbs. per acre. We have never sown any land without including the Italian Rye. Cattle are very fond of it.—GEORGE L. PHIFER, Steward, School for the Deaf and Dumb, Burke County, N. C.

Italian Rye Grass makes a Fine Winter Lawn in Florida

I have used the Italian Rye Grass for a winter lawn and find it just what I have wanted for years. Can be cut as often as one wishes, and makes a very satisfactory lawn here when everything else is gray in winter.—W. C. LEWIS, Leon County, Fla.

I like the Italian Rye Grass well as a hay crop. It is very quick, vigorous grower and makes excellent hay. I sowed it last fall on creek bottom in connection with Red Top, Timothy and Alsike Clover. I now have but a scattering stand of other grass and clover, on account of our extremely severe winter, but the rye grass seems to have held its own. I believe, in fact I know, it will stand more heaving of the land from frost than any grass I know, possibly excepting Creeping Bent.—J. N. PAINE, Iredell Co., N. C., June 6, 1910.

Perennial Rye Grass

Both this and the Italian Rye Grass make a quicker and more leafy growth than any of the other grasses. Sown in the fall, they make a dense, thick, matted growth, which makes a beautiful green appearance, and will furnish most excellent grazing all through the winter and spring, and will furnish good yields of hay; but the Perennial Rye Grass is probably better adapted for pasture or lawn purposes, as it will last longer for this purpose than the Italian Rye Grass.

Perennial Rye Grass does very well in mixtures with grasses like Orchard and Tall Meadow Oat. It makes the quickest growth of any of the grasses, and for a grass to make a quick, leafy sod, will give the most satisfactory results. It is also admirably adapted for sowing on Bermuda Grass sod, and gives most excellent satisfaction and results in combination with this grass, filling in the time in the fall, winter and early spring when the Bermuda Grass is comparatively dormant. The Perennial Rye Grass is also quite largely used as a lawn grass in connection with Bermuda Grass in the far South. Can be sown any time up to the end of October, but early seeding gives best results. Sow at the rate of 25 to 30 pounds to the acre. If it is desired to sow on Bermuda Grass sods, run a cut-away or sharp-tooth harrow over the grass sod before seeding, and then run the harrow over afterwards, so as to give a slight covering. This harrowing will not injure, but will really benefit the Bermuda Grass sod the succeeding year, and you will, in addition, have a beautiful green carpet for pasture all through the winter, early spring and summer. **Price of our Trade Mark Brand Seed, per bushel of 14 pounds, \$1.10; in 5-bus. lots and over, \$1.00 bushel.**

I think Perennial Rye Grass is a fine grass for winter grazing, sown in September, on either light sandy or heavy soils. I believe it would make good hay on good soil. I broadcasted stable manure and lined a red clay gall spot, and it grew about knee high on same. Very little of anything would grow there before, not even black peas.—FRANK B. LLOYD, Edgecomb County, N. C.



Italian Rye Grass

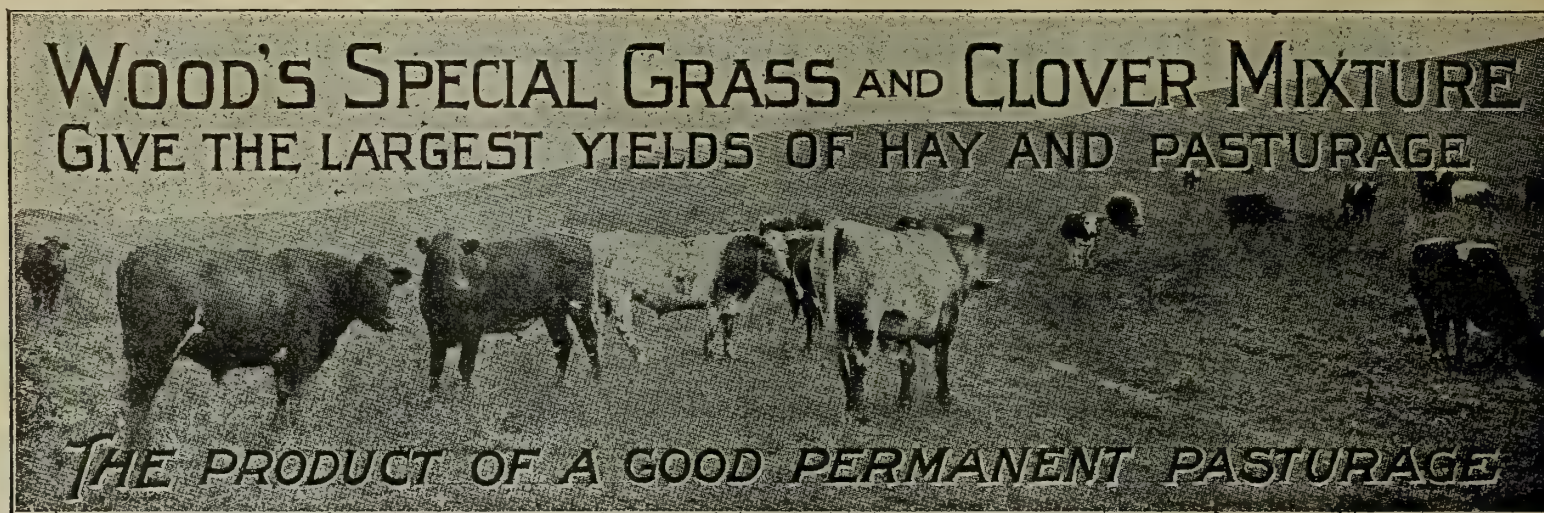
Arctic or Rescue Grass, (Bromus Uniloides)

Makes Fine Winter Grazing or a Good Early Hay Crop

Rescue Grass can be sown any time from August to the middle of October. The ground should be thoroughly plowed and prepared as for other grasses and clovers. The seed should be sown broadcast and covered to an average depth of about one inch. Sow at the rate of 25 to 40 lbs. per acre. It is very spreading, and quite shortly after it comes up will form a permanent sod, capable of standing any amount of grazing. The first year after sown it will furnish considerable grazing in the winter and into the spring, and if stock is taken off it by the first of April, it will grow rapidly, making a large yield of excellent and nutritious hay. For hay, it should be cut while in bloom. It is easily cured and possesses high feeding value, with all proper constituents. It is an excellent grass to sow on sandy land, hill-sides, ditches or embankments, as its roots spread out and hold the soil, preventing washing and gullies. The use of Rescue Grass is extending very rapidly all through the South wherever it has been introduced. It is the standard grass in Texas for winter pasturage, and is found growing there on large areas of prairie ground, forming almost the sole grazing crop for cattle in winter. **Price, per lb. 12 cts.; 10 lbs. and over, 11 cts. lb.; 100 lbs. and over, 10 cts. per lb.**

I cannot get any clover seed and grass seeds anywhere that are as clean and good as yours. I have been ordering my seed from you about seven years and have gotten first-class seeds every time.—H. K. RAMSEY, Madison Co., N. C., December 23, 1909.

The grass seed ordered of you last fall gives signs of great success, despite very adverse circumstances. Your seed please me so much that I wish you would put my name on your regular mailing list for catalogs and other publications. Thank you for the prompt attention which my orders have received.—P. TULANE ATKINSON, Prince Edward Co., Va., May 3, 1909.



Wood's Special Grass and Clover Mixtures are in high favor with our customers, and our trade in these is increasing rapidly every year, our customers reporting that our mixtures not only yield more pasturage, but give much better crops of hay, and the meadow and pastures keep in good, productive condition very much longer than where only two or three kinds of grasses or clovers are seeded.

The advantage of sowing grasses and clovers in mixtures has long been recognized and the practice is increasing to a very remarkable extent wherever grasses are sown, practical experience having conclusively proven the great advantage of sowing a large number of grasses together, both for hay and pasturage.

Wood's Special Grass and Clover Mixtures are put up from grasses adapted to this section, in such proportions as experience has shown are best suited to the different soils and purposes for which they are recommended. Those for permanent pasture are composed of grasses which succeed each other in growth and give a succession from the first of spring till late in the winter; while for those desired more for cutting for hay, we have combined grasses which ripen together. The different mixtures are prepared both as to quantity and varieties best adapted to the soils and situations for which they are recommended. We shall take pleasure in giving our customers the benefit of our knowledge and experience in regard to mixtures to be sown, or we will be glad to advise them as to suitable grasses for their soils and purposes at any time that special information may be desired.

WOOD'S TRADE-MARK BRAND SEEDS USED IN ALL OF OUR GRASS MIXTURES

In all of our grass mixtures we use our Trade-Mark Brand seeds only, the best qualities obtainable, and of tested germination, the quality and purity of the seeds we sell being always our first consideration. We give under the heading of each mixture the kinds of grasses contained in the different mixtures. All are combined in suitable proportions as best adapted for the soils or purposes for which they are recommended.

IXTURES Nos. 1 to 5—For Permanent Pasture, but will also make large yielding Crops of Hay

Mixture No. 1—For light, gravelly or sandy soils

Composed of the following grasses and clovers:

Italian Rye Grass	Red Fescue
Red Clover	Sheep Fescue
Alsike Clover	Meadow Fescue
Tall Meadow Oat Grass	Orchard Grass
Alfalfa	Red Top or Herds Grass
Clover	Kentucky Blue Grass
	Arctic or Rescue Grass

Sow 30 to 35 lbs. to the acre.

Lb., 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

I am more than pleased with the Grass Mixture No. 1 that I ordered of you last spring. I sowed it on gravelly soil and it is doing fine; better than I expected. You may expect another order from me next fall.—LEE WHITESIDE, Cleveland Co., May 22, 1911.

Your No. 1 Grass Mixture for permanent pasture is far and away the best thing I have found.—H. H. WILLIAMS, Orange Co., N. C.

Mixture No. 2—For good loam soil

Composed of the following grasses and clovers:

Tall Meadow Oat Grass	Red Top or Herds Grass
Meadow Fescue	Red Clover
Orchard Grass	Alsike Clover
Perennial Rye Grass	White Clover
Kentucky Blue Grass	Timothy
	Sheep Fescue

Sow 30 to 35 lbs. to the acre.

Lb., 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

Your seed mixture I got of you last spring has made a fine stand, and the Mixture No. 2 I got in the spring of 1908 is very fine, with heavy crops this summer and a heavy sod for this winter.—S. E. COBLE, Guilford Co., N. C. October 15, 1909.

I have a fine pasture from the grass seed I bought of you about five years ago and expect to deal more in the future with you.—R. H. HENDERSON, Rutherford Co., Tenn., April 1, 1911.

Your No. 2 Mixture supplemented with 5 lbs. of Alfalfa (per acre) I bought of you last fall, and seeded, getting a fine stand, has notwithstanding the continued drought during May, brought me an excellent crop of hay and the Alfalfa took well all through it. Your mixtures are fine and I have never failed to get good stand with them. I want to keep on sowing them. I sowed this about September 1st, and grazed it, 3 colts and 2 mares, until hard weather. I wish you could see it. Every one says it is the best they have seen this year.—JNO. S. FLEMING, Amelia Co., Va., June 18, 1911

Mixture No. 3—For heavy loam or clay soils

Composed of the following grasses and clovers:

Alsike Clover	Red Clover
Orchard Grass	Tall Meadow Oat Grass
Red Top or Herds Grass	Kentucky Blue Grass
White Clover	Perennial Rye Grass
Sheep Fescue	Timothy
Meadow Fescue	Meadow Foxtail

Sow 30 to 35 lbs. to the acre.

Lb., 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

No. 3 Grass Mixture I bought of you last year I sowed on black, waxy land that is very hard to get any kind of grass or grain to live through the first winter on, but I got a good stand and it stood the winter all right and is looking well.—B. E. GREEN, Granville Co., N. C., May 17, 1911.

I have a beautiful stand of the No. 3 Permanent Pasture Mixture that I ordered some time ago.—E. J. BARNES, Wilson Co., N. C., March 23, 1911.

Mixture No. 4—For moist bottom land

Composed of the following grasses and clovers:

Kentucky Blue Grass	Red Top or Herds Grass
Sheep Fescue	Italian Rye Grass
Timothy	Mammoth Clover
Orchard Grass	Tall Meadow Oat Grass
Alsike Clover	Meadow Foxtail
Meadow Fescue	White Clover
	Paspalum Grass

Sow 25 to 30 lbs. to the acre.

Lb., 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

We sowed 200 lbs. of your Grass Mixture No. 4 on ten acres of land in October, 1909. May 20, 1910, we cut a nice crop of hay from it, and then turned the stock on it, which have been grazing ever since. March, 1910, we sowed ten acres more of your Mixture No. 5, which is also good. These two mixtures have done all we could ask of them.—W. W. DIXON, Northampton Co., Va., May 15, 1911.

Mixture No. 5—For wet bottom land

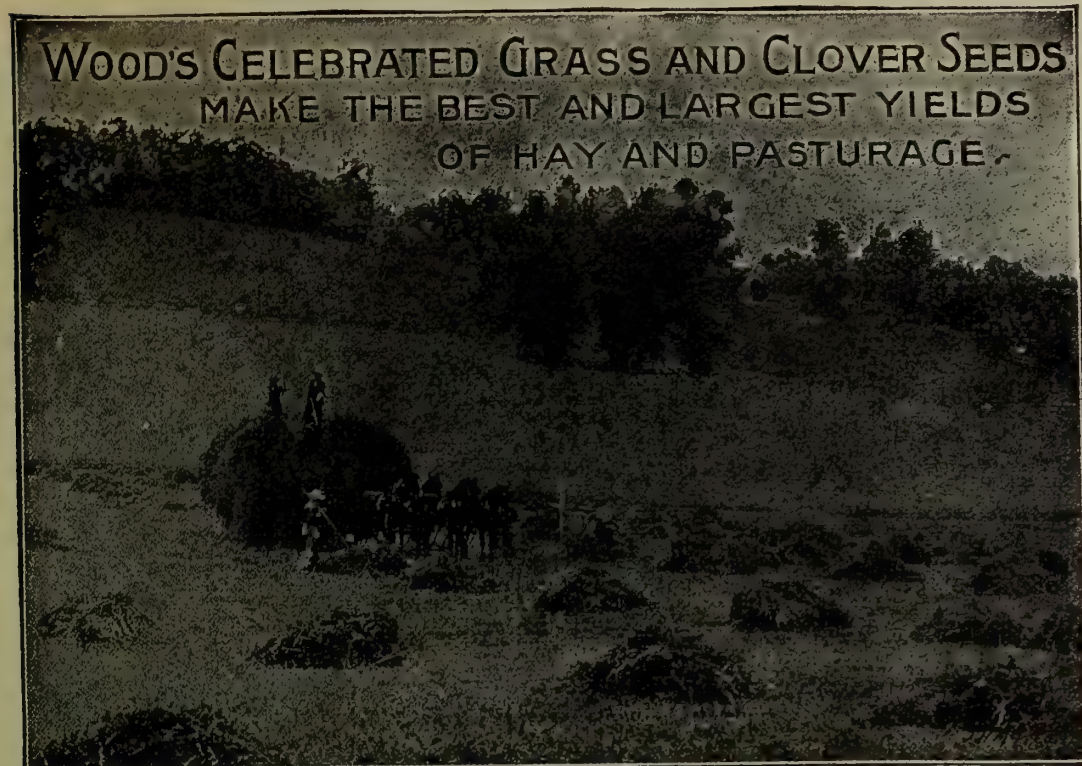
Composed of the following grasses and clovers:

Rough-Stalked Meadow Grass	Sheep Fescue
Red Top or Herds Grass	Velvet Grass
Italian Rye Grass	White Clover
Meadow Foxtail	Paspalum
Meadow Fescue	Alsike Clover
Timothy	Kentucky Blue Grass
Tall Meadow Oat Grass	Mammoth Clover

Sow 25 to 30 lbs. to the acre.

Lb., 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

MIXTURES Nos. 6 to 9—For Mowing for Hay, but will also make splendid Pasturage



Mixture No. 8—For heavy loam or clay soils

Composed of the following grasses and clovers:

Meadow Fescue
Orchard Grass
Perennial Rye Grass
Tall Meadow Oat Grass
Kentucky Blue Grass
Red Top or Herds Grass
Red Clover
Alsike Clover
Timothy
Orchard Grass

Sow 30 to 50 lbs. to the acre.

Lb. 18 cts.; 10-lb. lots and over, 16 cts.;
100 lbs. and over, 15 cts. per lb.

Your No. 8 Mixture of Grass Seeds I sowed last fall is the finest hay I have ever saw. Sowed five acres of it, and think I have fifteen tons of hay from it.—JNO. S. FLEMING, Amelia County, Va., June 15, 1909.

I think your No. 8 Grass Mixture cannot be excelled as an early spring and summer pasture. My seed was sown in October on gravelly soil over tough clay sub-soil.—J. A. MARTIN, Rutherford Co., N. C., June 10, 1910.

Your grass mixture is fine. I have cut it the third time and it is coming fine. Everbody should try it.—A. A. McLEAN, Gaston Co., N. C., May 10, 1911.

Mixture No. 6—For light gravelly or sandy soils

Composed of the following grasses and clovers:

Orchard Grass	Timothy
Tall Meadow Oat Grass	Kentucky Blue Grass
Perennial Rye Grass	Red Clover
Arctic or Rescue Grass	Red Top or Herds Grass
Alsike Clover	Meadow Fescue

Sow 30 to 35 lbs. to the acre.

Lb. 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

The Grass Seed Mixture No. 6 that I bought of you last year, I sowed it in March, 1910, and have as fine set of grass as you ever looked at. If we could have had a shower of rain about twice a week on it, I don't know how much hay could be cut off of the piece of ground.—J. W. DAMEWOOD, Roanoke Co., May 18, 1911.

I am well pleased with your Grass and Clover Mixtures No. 6 and No. 9 that I sowed last year and the year before. I think they should be sown more generally in this country as they insure a better stand and better hay or pasturage.—R. P. McCracken, Macon Co., N. C.

I sowed No. 6 Grass Mixture on wheat in gravelly soil in the spring and have a fine set. I think this suits our soil here and want to sow 12 acres next spring on wheat.—C. D. GUTHRIDGE, Summers Co., W. Va.

Mixture No. 7—For good loam soil

Composed of the following grasses and clovers:

Tall Meadow Oat Grass	Perennial Rye Grass
Meadow Fescue	Sheep Fescue
Orchard Grass	Red Clover
Red Top or Herds Grass	Alsike Clover
Timothy	Italian Rye Grass
Kentucky Blue Grass	

Sow 30 to 35 lbs. to the acre.

Lb. 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

Pasture Mixture

Last fall I got from you a special grass mixture for pasturing. This has proved to be the thing for pasturage. I wouldn't give it for anything I ever grew, and I am going to sow just as much this fall again.—H. L. McCALL, Caldwell Co., N. C., June 25, 1912.

Mixture No. 9—For moist bottom land

Composed of the following grasses and clovers:

Red Top or Herds Grass	Italian Rye Grass
Timothy	Alsike Clover
Meadow Fescue	Kentucky Blue Grass
Sapling Clover	Paspalum

Sow 30 to 35 lbs. to the acre.

Lb. 18 cts.; 10-lb. lots and over, 16 cts.; 100 lbs. and over, 15 cts. lb.

The No. 9 Grass Mixture I bought of you last year is O. K. I have a fine stand, and think it well adapted to this section for hay or pasture. There has been a very dry spell and yet it has made a satisfactory growth.—J. R. FOREST, Stokes Co., N. C., May 15, 1911.

You ought to see the four acres I have of your No. 9 Pasture Mixture I have housed over a ton per acre of as fine hay as you ever saw, and it will soon be ready to cut again.—W. E. GRIMSLEY, Greene County, N. C., July 9, 1909.

The No. 9 Grass Mixture bought of you is very satisfactory indeed. I find it much better for hogs, as a pasturage, than any other variety I have ever sown, as it lasts longer, and makes a good winter pasture. Will seed five acres of same this fall.—J. B. ARCHER, Nansemond Co., Va., May 22, 1909.

PARK MEADOW MIXTURE (No. 10)

A most desirable and valuable mixture, especially adapted where it is desired to put land down in permanent grass fields. This mixture contains a larger variety of grasses than any of our mixtures, and is admirably adapted both for permanent pasturage and hay, making a thick-set turf, which makes a fine appearance for large parks or meadows. We have sold this mixture to our customers now for several years past, with some satisfactory results, and it has been used on large scale on some of our most beautiful suburban farms throughout this and other sections. Our Park Meadow Mixture, on account of the greater number of grasses contained in it, is adapted to a greater variety of soils than any of our other mixtures. We would recommend it for use on any soils, excepting possibly very light soils, or heavy low grounds. On account of the large number of grasses contained in this mixture, it should be sown a little thicker than the ordinary mixtures, and if properly sown and well put in, will furnish excellent continuous grazing throughout the year or very large and satisfactory yields of hay.

We would recommend that it be sown at the rate of 40 to 50 lbs. to the acre. Price per lb. 20 cts.; in 10-lb. lots and over, 19 cts. per lb.; in 100-lb. lots and over, 18 cts. per lb.

I am very much pleased with the Park Meadow which I bought from you in the spring. It is the prettiest grass there is anywhere around here, and I think it cannot be beaten for the purpose it is intended for. Shall want more next spring.—J. W. COLBURN, Accomac Co., Va.

I have been sowing your mixture of grass for four years and I find it far ahead of any grass I ever sowed. My meadows are green and nice now where others are bare.—J. T. KIOUR, Fayette Co., W. Va., March 21, 1911.

WOOD'S LAWN GRASS SEED

Wood's Lawn Grass Seeds are combinations of grasses best adapted for the different purposes for which they are recommended. They are put up from the highest grade new crop seeds, of tested germination and under favorable conditions the very best results can be anticipated. We have received the most enthusiastic reports from our customers of their experience with our lawn grass seed. For beautiful, velvety lawns, where proper care and attention can be given during the summer, Wood's Evergreen Lawn Grass is the best that can be used. For parks or large lawns where it is desired to use the grass for pasturage purposes also, Wood's Permanent Lawn Grass will give excellent results. Lawn grass seed can be sown either in the spring or fall. August, September and October are the best months for fall sowing. Sown at this time, it will give you a nice green lawn through the winter, which gets well set before hot weather comes on. Lawn grass is also satisfactorily seeded even in November and early in December, provided the weather keeps open; but it is much better to get it in earlier if possible. Special circular telling how to prepare and care for lawns mailed free on request.

WOOD'S EVERGREEN LAWN GRASS

This will form a rich deep green velvety lawn in a few weeks' time. It is composed of various grasses that grow and flourish during different months of the year, so that, with proper care and attention a beautiful green lawn can be had all the year round. The grasses used are those which years of experience have shown to do best in our Southern soils and climate. Sow at the rate of 60 to 75 lbs. per acre, or for small yards, one quart to 300 square feet. **Price, per quart, 25 cts.; if by mail, 30 cts.; 4 lbs. for \$1.00; bushel of 20 lbs. \$4.00; 100-lb. lots and over, 19 cts. per lb.**

It gives me great pleasure to express my opinion relative to the merits of WOOD'S Evergreen Lawn Grass. I have tried for a number of years to get a satisfactory lawn and without result. I now have a most excellent stand of grass, and I attribute the result largely to the merit of your seed and shall certainly continue using same.—C. C. NOTTINGHAM, Hamilton Co., Tenn., May 20, 1911.

The bushel of Evergreen Lawn Grass Seed purchased of you two years ago produced, in a very short time, a beautiful dark, rich green, velvety sod, which has been ever since the admiration of all who see it.—JOHN MCCOY, Pendleton Co., W. Va., March 28, 1912.

I sowed your Wood's Evergreen Lawn Grass seed last October 1911, and now have a nice, rich, green, velvety covering.—CHAS. JOHNSON, Periquimas Co., N. C., May 25, 1912.

Of lawn grass seeds, you have the best I have ever seen.—JOS. E. ALLEN, Cabell Co., W. Va., January 29, 1912.

I am very much pleased with the lawn grass seed I got from you and sowed last November. I believe it is now the prettiest lawn I ever saw. I really have never seen anything to equal it.—J. R. STEELE, Marlboro Co., S. C., February 22, 1911.

It gives me great pleasure to express my opinion relative to the merits of Wood's Evergreen Lawn Grass. I have tried for a number of years to get a satisfactory lawn and without result. I now have a most excellent stand of grass, and I attribute the result largely to the merit of your seed, and shall certainly continue using same.—C. C. NOTTINGHAM, Hamilton Co., Tenn., May 20, 1911.

I think Wood's Evergreen Lawn Grass is an exceptionally fine lawn grass. I seeded it on my yard last spring, and in a short time had a beautiful sod; although it was somewhat injured by the dry weather of about two months, it is now looking fine. Anyone having a lawn to be seeded, I would advise him to use Wood's Evergreen Lawn Grass.—S. H. PERKINSON, Dinwiddie Co., Va., November 6, 1911.

WOOD'S EVERGREEN LAWN GRASS

Makes Beautiful Velvety Green Lawns



Winter Lawn Grass for Bermuda Sods

The grass that we supply for this purpose will give a beautiful green lawn all through the winter, furnishing a beautiful green turf while the Bermuda is dormant and disappearing when the Bermuda comes on again in the summer to take its place. Rake or harrow the Bermuda sod in October or November, so as to roughen the soil, then sow the Winter Lawn Grass at the rate of 30 to 40 lbs. per acre, and rake, harrow or roll the seed in, so as to give it light covering. **Lb. 30 cts., postpaid.** By freight, **1b. 20 cts.; in 10-lb. lots and over, 18 cts. per lb.; in 100-lb. lots and over, 17 cts. per lb.**

The Lawn Grass ordered from you and planted in April has come up nicely, although we have had unusually dry weather.—MRS. W. T. SPROTT, Columbus Co., N. C., May 8, 1911.

Wood's Permanent Lawn Grass

This mixture is composed of robust-growing grasses, and is designed to supply a satisfactory mixture for parks or large places where lawn and grazing are to be combined, or where special care and attention cannot be given to the lawn. This mixture will stand more adverse conditions of dry or hot weather than the finer lawn grasses. Sow at the rate of 40 or 50 lbs. per acre. **25 cts. per lb.; 5-lb. lots and over, 20 cts. lb.; per bushel of 20 lbs. \$3.75; 100-lb. lots and over, 17 cts. lb.**

The Wood's Permanent Lawn Grass I bought from you last fall is a grand success. Everyone that sees it admires it. Several of my neighbors are having their yards ploughed and worked up preparing to sow grass next fall.—P. L. DAVIDSON, Iredell Co., N. C., May 12, 1909.

Shady Park Lawn Grass

A special mixture of grasses adapted for shady situations. Sow at the rate of 60 to 75 lbs. to the acre. **Lb. 45 cts. postpaid.** By freight, **1b. 30 cts.; in 10-lb. lots and over, 25 cts. per lb.**

Special Grass Mixtures for Golf Courses

We have given a great deal of attention and study to the preparation of Special Mixtures for use on golf courses in the South and East. We are prepared to supply the following mixtures, which, with the proper attention, will give the best results:

No. 1—Fair green Mixtures (Contains Bermuda Grass)

This mixture is especially recommended for all golf courses for Virginia and further South and will form a thick turf, giving an excellent putting surface all the year round and at the same time will remain green through the heat of the summer. Price, 25 cts. per lb.; \$20.00 per 100 lbs.

No. 2—Fair Green Mixtures

Contains the same grasses as the No. 1 Mixture, but without Bermuda Grass. This mixture is recommended for the middle northern states. Price, 20 cts. per lb.; \$16.00 per 100 lbs.

Putting Green Mixtures

Composed of the fine dwarf-growing grasses which produce the thick velvety turf most desired by golfers. Price, 25 cts. per lb.; 100-lb. lots and over, 20 cts. per lb.

Sowing, Making and Preserving the Lawn

Preparation of the Soil

Thorough preparation is very necessary in order to secure a successful lawn. The ground must be rich, or must be made so, to start with, and it should have a liberal application of **Wood's Lawn Enricher** and well-rotted manure, which should be well mixed with the soil. Do not use fresh manure, as the weeds and hay seeds, which are in all manures, would germinate and fill the lawn with coarse grasses and weeds. The ground should be deeply dug, and all roots, stones, etc. removed and the soil raked as smooth and level as possible.

Sowing the Seed

Thick seeding always gives best results. Lawn grass seed should be sown after the soil is raked fine, at the rate of 50 to 75 lbs. to the acre, or for small yards, one quart for every three hundred square feet (12 x 25 feet). The seed should be carefully and evenly sown, and lightly raked in, and afterwards, provided the soil is not wet, rolled or made firm by batting down with the back of a spade. Lawn grass can be successfully sown at any time after the first of September and up to the middle of April. If it is sown in open weather during the winter it will do well, but it will be a little longer in germinating.

Care of Lawns Afterwards

While the grass is young, and even when the lawn gets well set, care should be taken that weeds and coarse grass, which spring up naturally in nearly all soils, do not get possession of the lawns. If a watchful oversight is kept at first, and any weeds or coarse grasses are cut at the root with a knife or pulled up, the lawn grass will soon spread and thicken so that it will take entire possession of the soil, filling it up and interweaving so closely that there will be no chance for weeds to grow.

The Lawn Grass should be cut just as soon as the grass is two or three inches high and should be regularly and carefully cut during the growing season with a lawn mower. Scythes should never be used, as they cut unevenly and cut into the roots, thus

injuring the grass and causing bare spots to appear. Care should also be taken, especially in the summer, not to cut the grass too close; one-and-a-half to two inches is close enough. Where possible, lawns should be well watered during hot, dry spells in summer; late in the evening is best. Care should be taken to give plenty of water. Great benefit will also be derived by running a roller over the lawn once a week all through the growing season. This forces the roots of the grass to strike out afresh, taking a deeper hold on the soil, enabling the grass to withstand dry weather better, and improving the appearance of the lawn very much. It is best every fall or early in the spring to rake the lawn over very roughly and sow seed on any bare spots, giving also a top-dressing of **Wood's Lawn Enricher** at the rate of about 5 pounds to 300 square feet.

In addition to **Wood's Lawn Enricher**, a light application of well-rotted stable manure, well scattered over the lawn, will prove of decided benefit in furnishing nutriment to the roots and surface soil. The manure should only be applied just as winter weather sets in, and just as soon as hard weather begins to break up in the spring, any straws or particles, and it will be found that these will act most beneficially on the lawn, making virtually a mulch to protect the roots during hot weather in the spring and summer.

Renovating Old Lawns

Where it is desired to renovate a lawn that is fairly well set in grass, without digging up and reseeded the whole, it can be satisfactorily done by digging or chopping up with a hoe and raking over the bare spots in the lawn, and giving an application of **Wood's Lawn Enricher** over the entire lawn, then sowing **Wood's Evergreen Lawn Grass** on the bare spots, and also giving a sprinkling of this over the entire lawn, so as to freshen and give a new growth of grass to same.

It is a good plan, even where the lawn is in good condition to rake it over in the fall and give an application of **Wood's Lawn Enricher**, and also a sprinkling of our **Lawn Grass Seed**. This tends to keep the lawn in a satisfactory condition much longer than without treatment. Any weeds or coarse grasses appearing in the lawn should be cut or pulled out, so as to prevent them from crowding out the lawn grass and making the lawn unsightly.

Wood's Lawn Enricher

A splendid fertilizer to keep lawns vigorous and in a green, growing condition all through the year. One of the principal drawbacks to obtaining and keeping satisfactory lawns is the fact that the nutriment gets exhausted from the surface soil, thus impoverishing the roots of the grass and causing it to die. An application of **Lawn Enricher** in the spring and fall will help the grass wonderfully. It is also a good plan to apply it during rainy spells in the summer. The **Lawn Enricher** is practically odorless, and composed of fertilizing ingredients which, from practical experience, have given the very best results, not only to invigorate the lawn, but to conserve the moisture in the soil, so as to make the grass stand hot, dry weather better. The **Lawn Enricher** is a complete lawn and grass fertilizer, and the best that can be used when putting down new lawns.

Directions for Using.—In applying this fertilizer scatter as evenly as possible over the surface. It can be applied to lawns at any time except during droughts, but the best results can be obtained by using it during the months of September and October and the early spring. For making new lawns it should be applied at the rate of 25 lbs. for 1,200 square feet, or at the rate of 800 lbs. per acre. As a top-dressing for old lawns, use from 400 to 500 lbs. per acre, or for small yards, 6 lbs. to each 300 square feet, per acre. Price, 5-lb. bag, 25 cts.; 10-lb. bag, 40 cts.; 25-lb. bag, 90 cts.; 100-lb. bag, \$3.00; ton, \$48.00.

I have one thing that it sufficiently good to convince the most skeptical, and that is the lawn that I built from your seed. It isn't any little two by four front lawn. I have a large grove surrounding my residence, barns and other buildings, which I enriched and sowed in your grass. Because it is so large I am constantly asked why I sowed so much. My reply is that it looks better, to which they are entirely ready to agree. I then take them to my poultry grounds proper and explain that I raised my chickens mainly in that pasture.—A. C. HOLLOWAY, Wake Co., N. C., May 10, 1911.

SEED WHEAT—Beardless Varieties

LEAP'S
PROLIFIC
WHEAT



We are very careful in securing seed wheats which we offer, to get them from the best and largest yielding crops grown throughout this section, and we have received the most flattering reports from our customers, as to the large and satisfactory yields obtained from our seed, and our trade in seed wheat has grown largely every year. We have to-day one of the largest trades in seed wheat in this country, a result due to the thoroughly re-cleaned and fine quality seed wheat which we supply to our customers.

PRICES OF SEED WHEAT FLUCTUATE.—The prices given below are those existing at the time our Fall catalog is printed, in July. The special issues of Wood's Crop Special, in September and October, will give the latest information and current prices on Seed Wheat at that time. We will mail Wood's Crop Special to anyone interested, upon request.

The varieties of wheat which we offer below are all classed as beardless varieties. It is very seldom, however, that the beardless varieties are entirely free from bearded heads. Whether this is due to "sport" or a tendency to revert back to the bearded varieties from which they were originally selected, or whether it is due to an occasional grain of bearded wheat getting mixed in from the threshers, it is impossible for us to state; but even the new varieties like Leap's Prolific have an occasional bearded head in same. We use every possible care in the securing of our stocks of seed wheat. In procuring the beardless varieties we always use every care to get them as free from bearded heads as possible, and the bearded varieties as free from beardless heads as possible; but owing to the varying nature for seed wheat, as above indicated, it is impossible for use to guarantee that beardless varieties, or bearded varieties, will be entirely free from bearded, or beardless heads, as the case may be.

Leap's Prolific—A splendid new variety, originating in the Shenandoah Valley. It is remarkable for its productiveness and fine quality of grain. The grain is flintier and of better milling qualities than the ordinary varieties. It is very uniform in its growth, stiff-strawed, healthy, strong grower and early to ripen. One thing particularly noticeable about this variety is its stooling qualities, it being particularly superior in this respect, producing more stalks to plant than the ordinary wheats. This, with the fine long heads which it produces means an increase in productiveness, and farmers who have sown this variety are enthusiastic in its praise, claiming it to be the best and most productive variety now on the market. We can recommend this wheat after three years' thorough trial, as being far superior to any Beardless Wheat grown in the states east of the Mississippi. It has proven its merit in Tennessee, North Carolina, Virginia and Maryland. The yield averages ten bushels to the acre more than other smooth-head wheats. **Price, bushel, \$1.50; in 5-bushel lots and over, \$1.45 per bushel.** Special prices on larger lots.

I planted Leap's Prolific Wheat as your catalogue recommended it so highly, and I will say that it is the best I have seen this year. It is spreading out nicely.—GEO. M. FRAZIER, Stanley Co., N. C., April 3, 1912.

Leap's Prolific made nearly fifty to one

Last fall I bought of you eight bushels of Leap's Prolific Wheat and disced up the land from which I had cut tobacco, sowed the wheat with a drill without any fertilizer, and made 398 bushels of clean wheat, with a fraction of fifty to one. This was on my farm in Orange County.—J. P. TAYLOR, Orange Co., Va., October 9, 1911.

Quality of Wheat Excellent

I have used your Leap's Prolific Wheat during the last four seasons. The stand was good each year, averaging over twenty-five bushels per acre, and the quality of wheat excellent. Its stiff, bright straw was also valuable for feed and bedding.—GEO. PURVIS, Stafford Co., Va., October 29, 1911.

Long, well-filled heads of fine quality

Leap's Prolific Wheat is all you claim for it; fine, large, long well-filled heads of a fine quality of grain, and large yield.—J. E. RUM, Halifax Co., N. C., October 16, 1911.

Fultz—An old standard variety which continues in favor in all sections. It has a good berry, stiff straw, is very hardy and usually free from rust. **Price, bushel, about \$1.40.**

Am well pleased with Leap's Prolific and Fultz Wheat. I never saw nicer in my life.—R. W. PEDIGO, Franklin Co., Va., December 5, 1910.

Red May—Popular southern variety, usually ripening in May in Georgia, but not so early in more northern States. It is an early-ripening, prolific sort. **Price bushel, about \$1.40.** Special prices on large lots.

Purple Straw, or Blue Stem—A fine productive Wheat, in high flavor in the South. Makes very best quality flour. **Price, bushel, about \$1.40.**

I used some of your Blue Straw Wheat that was ordered from you some two years ago and I had the finest wheat in the community.—C. D. BULMAN, Chattahoochee Co., Ga., March 29, 1912.

Harvest King—The advantages of this over other short-berry wheats are that it is a little larger grained and better milling wheat. It is really a beardless long-berry variety, the grain being as large and of equally good, if not better, milling qualities than the Lancaster and Fulcaster. In our tests at Hollybrook Farm, this variety made a most favorable comparison with other kinds, showing up large full heads, and of very uniform growth. Reports from our customers in regard to this kind are also very satisfactory and we recommend it as one of the best of the smooth-head or beardless varieties in our list. **Price, bushel, \$1.45; in 5-bushel lots and over, about \$1.40 per bushel.** Price fluctuates. Will quote special prices on large lots, or will mail our Crop Special giving current prices at any time upon request.

The wheat I ordered from you last fall came up all right. It certainly was fine wheat, and it is looking well. It has made more growth so far than home-grown seed by the side of it. Thanking you for your many past favors and wishing you success in the future.—M. A. RANDOLPH, Mitchell Co., N. C.

Golden Chaff—A new short-berry wheat; has been very largely grown throughout Southside Virginia, giving particularly satisfactory crop results, so much so that farmers in that section who have grown it in the past have been able to dispose of their crops at a considerable advance over the price of ordinary wheat for seed purposes. It is one of the earliest varieties to ripen; straw and chaff a beautiful golden color; grain well developed, hard and flinty, making a first-class milling wheat. Makes a strong and vigorous growth, and is singularly free from rust or blight. We regard this as a specially satisfactory variety, and one that is well adapted to the South. **Price, bushel, \$1.45; 5 bushel lots and over, \$1.40 per bushel.** Special prices on large lots.

The Golden Chaff Wheat we got from you last fall is looking fine. I have been using your seeds for years. Even when I do not order in my own name, I use and recommend WOOD'S SEEDS to every one desiring first-class farm and garden seed.—R. B. TURPIN, Bedford Co., Va., February 4, 1911.

Strawberry Plants

We call special attention to the list of strawberry plants we offer on last cover page of this catalog.

This list embraces the best and most profitable varieties grown. Varieties which have been tested and found adapted to this section, and which are grown on the largest scale for profit by our shippers and fruit growers. To parties requiring large quantities we shall be pleased to make special prices on request. In writing state about the quantities and varieties you are likely to require.

SEED WHEAT, Long Berry or Bearded Varieties

The Long-berry or Bearded Wheats are usually considered varieties, and are more generally sown in our best wheat sections. They are also especially adapted to low grounds or good, rich soils. Bearded Wheats stand adverse weather conditions better than beardless varieties. They are particularly resistant to dews and wet weather, as the beards acts as a protector for the grain.

Australian Red

The Australian Red which we offer was grown in the State of Maryland, and in the section where it was introduced it has become a very popular kind. It has given most excellent yields, and we believe is bearded wheat. **Bushel, \$1.45; in 10-bushel lots and over, \$1.40 per bus.**

Please send me your spring catalogue. I am going to order several different kinds of seed for my use; in 1908 I ordered twelve bushels of wheat through Messrs. Munday and Gash from your seed house. It was the finest in this neighborhood. Please send at once.—G. W. SMITH, JR., Caldwell Co., N. C., January 11, 1910.

Red Wonder —A most valuable variety of bearded wheat. It has a good stiff straw and stands up well. Large, flinty grains, and, taking it altogether, is one of the handsomest wheats we have in our list. The following is an extract from a recent letter from a prominent Rockingham County farmer. "The Red Wonder Wheat is the champion of all wheats ever sown in this county. It is estimated to run five bushels ahead of the best of other varieties in Rockingham County the past season." **Price, bushel, about \$1.40.**

I am very well satisfied with Red Wonder Wheat, and see no reason why I should sow any other kind on my farm, after four years' seeding.—G. A. ROTH, Surry Co., N. C., May 26, 1909.

The Red Wonder Wheat I bought of you is looking fine. Heads all long, and I think it is filling well. The Golden Wheat has short straw, with heads of good length, and I believe it will give perfect satisfaction.—T. C. CUTHBERTSON, McDowell Co., N. C., May 24, 1909.

The Red Wonder Wheat that I bought of you last fall is the finest looking wheat in this section, and is two or three inches higher than my other wheat, and looks like it might do wonderful.—W. J. DURHAM, Chatham Co., N. C., May 28, 1909.

Dietz Mediter-

anean —A superior long-berry variety that has yielded well and given the best results wherever sown in this section. It makes one of the best milling wheats in existence, and millers always pay the top price for it. It stands up well, and stands adverse conditions of weather better than almost any other variety. We strongly recommend it to our customers as one of the most satisfactory of long-berry wheats in cultivation. **Price, per bushel, about \$1.40.**



Fulcaster Wheat
grown in Chesterfield Co., Va.

Dietz Longberry Wheat is hardy, not liable to rust, excellent for milling purposes, and will give a fairly good yield every year. Some of the smooth-head varieties may occasionally make more per acre, but in ten consecutive years Dietz will grow more and better grain than any other wheat, I have grown, and I have experimented with many varieties.—C. B. MORTON, Spotsylvania Co., Va., May 17, 1909.

Fulcaster

This cross-bred wheat, from the Fultz and Lancaster, is a valuable and popular sort. It is one of the best-yielding and most reliable wheats. Has unusually large heads, stands up well, and so far has been rust-proof. Brings the highest price as a milling wheat. Fulcaster Wheat is one of the hardiest and most robust of all the wheats, standing adverse weather conditions better than any other kind. **Price, bushel about \$1.40.**

Farmers excited over that Fulcaster Wheat I bought from you, and a neighbor I sold it to says it is the best in North Carolina, in this part any way, and I have had some eight or ten to tell me they are wanting some of that wheat like you sold me. The grass seed gave entire satisfaction this season, the best yet.—RACHEL BUCHAN, Mitchell Co., N. C., June 14, 1909.

I have the Bearded Fulcaster Wheat I bought of you last fall, which made me a fine yield. The threshing crew who did my threshing the past season told me that my wheat was the best and cleanest wheat of the season.—L. W. MOODY, Stanley Co., N. C., September 20, 1909.

We consider the Fulcaster Wheat the best wheat for this section, and very few wheats are any better for any location, that grows winter wheat. It is an old wheat, and has withstood the test of many winters and storms, and still stands No. 1 in this section.—GEO. W. BEDELL, Henrico Co., Va., May 17, 1909.

Lancaster —An old standard variety of long-berry wheat greatly prized by millers, and always selling at the highest market price. It is the best variety for stiff or low grounds. **Price, bushel, about \$1.40.**

The wheat I bought of you last season made such a large yield per acre that it has caused a lot of people to order their seeds from you this season. I want to make a good yield again, so I want some more of your seed.—J. A. LAXTON, Caldwell Co., N. C.

The seed wheat and the fertilizer bought of you are doing fine. The neighbors are constantly asking what I did to make it look so at this time of the year. I used T. W. Wood & Sons' fertilizer and seed wheat.—J. ROY CALLIS, Mecklenburg Co., Va.

We expect to have 1,500 or 2,000 bushels of wheat to sell this season, and it will perhaps be ready for the market about the last of July. This was sown with the four varieties we purchased from you last fall (Klondike, Fulcaster, Fulzo Mediterranean and Dietz Mediterranean), and at present the prospects for a splendid crop are the best we have yet seen. It is by far the prettiest and cleanest field of wheat we have ever seen. It is free from weeds, free from cockle and rye. We haven't seen a grain of cockle in the whole field and it will, in our opinion, make about as fine a seed as it is possible to obtain.—E. P. COVER & SONS, Cherokee Co., N. C., June 1, 1910.

In the fall of 1909 I bought some Currell's Prolific and some Fulcaster seed wheat from your firm and I wish to say that they have outstripped any variety that we have ever grown by far. I have bought your seed for several years and I find them the best obtainable.—THURMAN HUSS, Lincoln Co., N. C., March 28, 1912.

Last autumn I bought two bushels of seed wheat. It has done beautifully. What was the name of the wheat? You laid much stress on it then and I do now. It seemed near to our parts recent growth.—R. T. BENNETT, Anson Co., N. C., April, 1912.

Your seed wheat I ordered last fall gave entire satisfaction.—M. B. DAVIS, Newberry Co., S. C., January 11, 1912.

WOOD'S CROP SPECIAL

issued monthly throughout the year, giving seasonable information about both farm and garden crops that can be planted to advantage and profit each month through the year. The following are extracts from letters from customers, showing their appreciation of the value of WOOD'S CROP SPECIAL.

I wish to thank you for your kindness in sending me the Crop Special. I take great interest in reading it and I get a great deal of information from it, in regard to sowing and planting seed. I trust you will be kind enough to continue sending it to me, and at any time that I can be of service to you, I will gladly do it.—W. H. HUMPHRIES, Alleghany Co., Va., March 16, 1912.

Your Crop Special beat anything I have ever seen, and you deserve great credit for conceiving the idea, and I hope you will mail it to me regularly.—AUG. WISTNER, Berkeley Co., S. C., March 18, 1912.

We mail WOOD'S CROP SPECIAL free to our customers whose orders indicate a special interest in farming, gardening or trucking. If any of our customers do not receive the Crop Special regularly, and desire to do so, if they will advise us we will put their names on our regular mailing list.

The Best Oats for Fall Sowing

In the Middle and South Atlantic States the fall seeding of oats is decidedly to be recommended in preference to spring seeding. The yields are decidedly better; the fall-sown oats mature earlier and the land can usually be prepared in better shape in the fall than in the spring. Fall seeding interferes less with other work than does spring seeding, and poorer land and less fertilizer can be used for the fall-sown crop. The fall-sown crop also furnishes a cover for the soil during the winter and prevents washing, and where sown early enough, the oats can be grazed during the open weather in the winter and early spring without material injury to the crop afterwards.

The fall-sown oats almost invariably yield more than the spring oats, owing to their earlier maturity, stronger growth and greater freedom from disease. Even if a part of the stand is lost from winter-killing, the plants which are left stool vigorously, so that the stand at harvest is much better than was apparent in early spring. Fall-sown oats also grow more vigorously and mature from ten days to two weeks earlier than those sown in the spring. This early maturing often marks the difference between success and failure, as later maturing grain is more likely to be injured by storms or drought and by rust and other plant diseases.

Oats require comparatively cool weather for their best growth, so that those which mature earliest usually yield best, as conditions are better suited to their development. The early maturity incident to fall seeding also allows the crop to be removed from the land earlier than spring seeding, giving more time for the preparation of the soil, seeding and growth of the following crop.

The best varieties for fall seeding are the Appler, Red Rust Proof and Virginia Gray Winter Oats. The Appler and Rust Proof can be sown from September to November; Virginia Gray Winter Oats should be put in in September, or certainly early in October. Late seedings of these oats do not do as well as of other varieties. When sown early, however, the Virginia Gray Winter Oat usually gives the largest crop of any oats in this section.

Appler Oats, A Splendid Southern Winter Rust-Proof Oat

The Appler Oat is a winter rust-proof oat. It is earlier to mature and is hardier than the ordinary rust-proof, makes a strong, quick-growing straw, bunchy heads and heavy grain. It was originally introduced by Mr. Appler, of Harris County, Ga., who by careful growing and selection, bred up this very superior oat. While originating in the State of Georgia, it has been grown to a considerable extent in other Southern States in recent years, and has proved to be one of the best and most reliable winter rust-proof oats for the South. These oats have been grown in this section for several years, and have stood the winter equally as well as our Virginia Gray Winter Oats.

Prices of Appler Oats, 90 cts. per bushel; 10-bushel lots and over, 85 cts. per bushel. Prices fluctuate. Will quote prices at any time or fill orders at lowest prices prevailing at time order is received.

Appler Oats best I have ever grown for earliness and heavy yield

I can truly say of the Appler Oats that it did well with me. I sowed about 15th of October and harvested them the 20th of May with a very good yield, considering the dry spring. I consider the Appler Oat the best I have ever tried, if earliness and a heavy yield count for anything.—W. W. HALSTEAD, Norfolk County, Va., August 1, 1911.

Two weeks earlier than other varieties

The Appler Oats we bought of you turned out well—was ten days to two weeks earlier than other varieties, enabling us to get in any pea crop sown.—GLEN RAVEN COTTON MILLS CO., Alamance Co., N. C., June 8, 1911.

Bancroft Oats

A fine, heavy and improved strain of the Georgia Rust-Proof Oats, very popular and highly recommended as one of the largest yielding and most productive rust-proof varieties. They are equally adapted for fall and spring sowing. For fall seeding they are best sown in September or early in October. The Bancroft stands up well and produces more oats to the stalk than any oats we have ever known, and at the same time stools out well, and is altogether a most productive and satisfactory variety. Per bushel, 90 cts.; in 5-bushel lots and over, 85 cts. per bushel.

Red Rust-Proof Oats

This oat is very popular throughout the South, especially on the light sandy soils of the coast region. It is also preferred for low grounds, or in situations where other oats are much inclined to rust. It makes a large yield of fine, heavy grain. Rust-Proof Oats are sown both in the fall and spring, from September through March. Price fluctuates. Present price of our Southern-grown Trade Mark Brand, best and cleanest quality, 70 cts. per bushel; choice quality, 65 cts. per bushel. We shall take pleasure in quoting prices at any time.

Burt Oats

A quick-growing, prolific and sure-cropping spring oat. While it is sometimes sown in the fall, we do not think it desirable for this purpose, the Appler, Winter and Rust-Proof Oats being in our opinion, much better for fall seeding. Price, 65 cts. bushel; in 10-bushel lots and over, 80 cts. per bushel.

Virginia Gray Winter Oats

(Also Called Winter Turf Oats)

The best and hardiest of oats, particularly valuable for fall seeding, standing the winter better than any other kinds. They yield ordinarily from 40 to 60 bushels per acre, but yields of over a hundred bushels per acre, under favorable circumstances, have been reported to us several times by our customers. They are considered altogether the best and surest cropping oats for fall seeding. The grain is of a dark gray color, with a distinct stripe, heavier than the ordinary oat, and weighs 35 to 40 lbs. to the measured bushel. When sown early they make a good growth before winter sets in, and furnish excellent grazing during the late fall, winter and early spring, without injury to the grain crops afterwards. Their turving and stooling qualities are remarkable, and under anything like favorable conditions they soon spread and cover the ground with a thick, heavy growth. The best time to sow winter oats is in September. They should be sown at the rate of one and a half to two bushels per acre.

Prices fluctuate. Present price of our Trade-Mark Brand, 90 cts. per bushel; 10-bushel lots and over, 85 cts. per bushel; choice quality, 80 cts. per bus., bags included. Special prices on large lots.



WOOD'S GRAIN PASTURE MIXTURE

WILL FURNISH MORE PASTURAGE DURING THE FALL, WINTER, SPRING AND EARLY SUMMER THAN ANY OTHER MIXTURE YOU CAN SOW.

Wood's Grain Pasture Mixture is composed of the best grazing varieties of wheat, winter rye, winter barley, winter turf oats and winter vetches, mixed in proper proportions to give the best results. It will make the quickest and most satisfactory winter, spring and early summer pasturage that can be put in. Farmers will be surprised at the large amount of rich and nutritious pasturage that it will furnish. For a quick-growing, one-season pasturage, Wood's Grain Pasture Mixture is unsurpassed.

Wood's Grain Pasture Mixture should be sown at the rate of two to three bushels per acre any time in August, September or October. The earlier the better. Price \$1.10 per bushel of 50 pounds. In five bushel lots and over, \$1.05 bus. Special prices on large lots.

I am pleased with your Wood's Grain Pasture Mixture. Will want more this season.—W. H. LAMB, Perquimans Co., N. C., May 15, 1911.

I am well pleased with the Wood's Grain Pasture Mixture. Expect to use some more this fall.—JNO M. ROMAN, Chester Co., S. C., May 13, 1911.

We have used your Wood's Grain Pasture Mixture for several years, and find it very satisfactory.—GREGORY-CONDEE MULE CO., Richland Co., S. C., May 15, 1911.

I am very well pleased with your Grain Pasture Mixture. I sowed some for chicken pasture on very poor land and it did excellently. I want to be able to sow double the quantity this coming fall.—EDW. F. PITTINGER, Appomattox Co., Va., June 9, 1910.

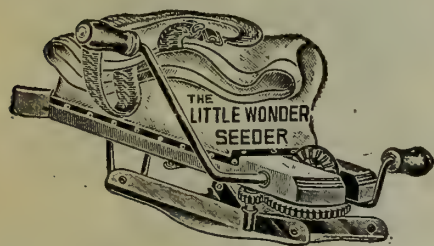
I consider Wood's Grain Pasture Mixture very fine indeed. I have had several head of hogs on an acre since February, and one horse. My brood sow is too fat, and I am compelled to reduce her flesh, as she will farrow some time in July. My horse is big and fat, and has eaten very little rough feed and only four ears of corn three times a day—in all twelve ears a day. I have just finished planting the plat of land in corn and peanuts, and must say that I never worked such stubble land in my life. It is as mellow and friable as if it had been worked previous to my bedding it out. I think my order for seed the coming fall will be quite large, as I am talking it up to all that I can, as I see the need of it so much.—J. H. MOORE, Darlington Co., S. C., May 23, 1910.

Winter Rye

This crop is used all over the South as a winter cover crop for fall, winter and spring pasturage, early green food, and for green manuring, as well as for grain. Rye is very hardy and will grow on poorer land than other grain crops. It makes good winter and spring pasture, and, if sown early enough, makes a good fall pasture also. It is a good spring soiling crop, giving the earliest green feed, makes a fair quality of hay if cut before it is fully headed out. Used for a grain crop, its straw makes the best of bedding for cattle and horses and if carefully threshed, sells at high prices for collar making and other manufacturing purposes. It is also an excellent green crop for turning under in the early spring. While it does not add nitrogen to the soil, as the clovers do, it makes a good deal of humus, and thus improves the texture of wornout soils. It is very extensively grown, and succeeds well throughout the South. Rye can be very satisfactorily sown at the last working of corn or cotton, or it can be sown by itself from July to November. Sow at the rate of 1½ bushels per acre. Price, about \$1.00 per bushel. Price fluctuates. Will quote prices at any time upon request, or will fill orders sent us at price prevailing at the time the order is received.

Little Wonder Seeder

The Little Wonder is the simplest and least expensive of



seeders. Works on the principle of the "Cyclone." It will do splendid work with clover, timothy, millet, alfalfa and similar seeds. It is not so well adapted for oats, cow peas, etc., as the Cyclone, for the reason that the sack is not so large. For a low-priced seeder for clover and heavy grass seeds, the Little Wonder will give excellent results. Price, \$1.25 each.

Cyclone Seed Sower

A POPULAR SEEDER AND VERY EXTENSIVELY SOLD.

This sower is guaranteed to distribute seed perfectly evenly and will not throw seed in an upward direction or against the operator, but direct and evenly to the land. Sows clover timothy, red top orchard grass, alfalfa, oats, rye, wheat, buckwheat, millet, turnip and other varieties of farm seeds. It also distributes bone dust, land plaster and fertilizer to advantage. Clover seed is sown a width of 18 feet; timothy, 15 feet; alfalfa, 20 feet; wheat, 25 feet; millet, 18 feet; oats, 18 feet. Thus, it will be seen that one operator can sow from 40 to 60 acres per day, according to the kind of seed. Price, \$1.50 each.

Winter Barley

The particular value of Barley in the South is for fall, winter and spring grazing, and to cut as it is heading out to use as a hay crop. In sections where it is difficult to grow the regular grasses for hay, the use of grain crops, such as barley, rye, wheat and oats, is very desirable. All of these crops make most nutritious feed, and cure in first-class shape to take the place of hay. It should always be remembered, however, that where desired for this purpose, these grain crops should be cut before fully headed out. Barley stools out more and really makes better fall, winter and spring grazing than either rye or wheat. Cut for hay, it cures splendidly and is superior in nutritive and feeding qualities to timothy hay. It is so easily grown and succeeds so well throughout the South, that it should be much more large grown. It can be constantly grazed during the winter and spring and is ready to cut two weeks ahead of wheat. It is well adapted for seeding at the last working of corn or cotton and prevents winter-leaching and washing of soils by winter rains. Sow at the rate of 1½ to 2 bushels per acre, broadcast.

Our barley is choice Southern-raised seed, which is the only kind that should be sown in this section. Price fluctuates. The Present price is \$1.00 per bushel. We will quote prices at any time upon request.

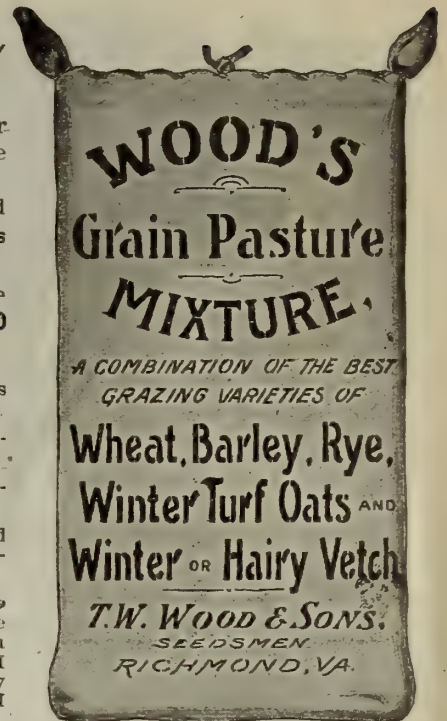
Cahoon Broadcast Seed Sower

FOR SOWING SEED, GRAIN, CLOVER SEED, ETC.



The best seeder manufactured, and sows all kinds of grain, clover seed, etc., rapidly and evenly. A person entirely unused to seeding can, by following the simple directions sent with machine, sow from four to six acres an hour at a common walking gait. It sows more uniformly, and saves four-fifths in labor by its use. Every farmer should have one of these sowers. Circulars, giving full information and directions for use, mailed on application. Price, \$3.00.

I am very much pleased with the Cahoon Broadcast Seed Sower I bought of you. It gives entire satisfaction. It is a great labor saver over the old way. I sowed about one hundred acres and got the best and most even stand I ever got of grass and clover.—JAMES A. MCBEE, Knox Co., Tenn.



Dwarf Essex Rape

**Makes Splendid Fall, Winter and Spring Pasturage—
Fine for Cattle, Sheep and Hogs.**

Rape for fall sowing should be put in in July, August or September. It makes a large-yielding, nutritious, succulent green feed or pasturage all through the fall, winter and early spring. The fattening properties of Rape are said to be very much better than those of clover, and it makes a first-class crop either for sowing alone, or, for grazing during the fall and winter, can be sown with Crimson Clover. Rape can be successfully sown both in the fall and spring. Early fall seeding, however, gives the best results. Rape is best sown in drills at the rate of 3 to 5 pounds per acre; or it can be sown broadcast, when from 6 to 8 lbs. per acre should be used.

There are other kinds of Rape than the Dwarf Essex, which are grown for their seed-producing qualities to make oil. These do not however, make the growth of forage that the Dwarf Essex does, but are quite often sold for forage because the seed can be sold at a low price. We do not handle anything but the true Dwarf Essex.

Price of our true Dwarf Essex Rape: By express, lb. 10 cts.; in 10-lb. lots and over, 8 cts. per lb.; in 50-lb. lots and over, 7 cts. per lb. When ordered to be sent by mail, add 8 cts. lb. for postage.

The finest Pasture for Hogs I ever Planted

I bought 5 lbs. of your Dwarf Essex Rape seed, planted them on February 14, 1911. They planted one acre of land, and furnished fine pasturage for twenty hogs from March 20th to September 1st. I consider it the finest crop for hogs I ever planted.—C. BLACKMORE, Duplin Co., N. C., September 9, 1911.



**Dwarf Essex
Rape**

Dwarf Essex Rape Splendid for Poultry

Last March I planted Dwarf Essex Rape for my poultry. I have had thirty chickens on half an acre of it and it has given green food to them, and notwithstanding the dry weather, it still is green. I, of course, shut the chickens off occasionally for a week.—W. BRUCE DOYLE, Madison Co., N. C., August 23, 1911.

Dwarf Essex Rape a fine Crop for Hogs

Dwarf Essex Rape is certainly a fine crop for hogs. It will keep them in good order without any other feed when grazing on rape. Plant in rows 1½ feet apart, or sow broadcast.—R. G. FELDER, Orangeburg Co., S. C., August 23, 1911.

Dwarf Essex Rape Makes an Enormous Amount of Green Food

Dwarf Essex Rape furnishes an enormous amount of green feed for sheep, hogs or cattle, and can be grown early or late. No hog or sheep grower can afford to be without it.—W. E. COOK, Nottoway Co., Va.

Sown at Last Working of Corn makes fine Pasture

I have sown the Dwarf Essex Rape for several years, and like it very much for sheep and hogs. I sowed it in corn at last cultivation, and it made a good lot of pasture after corn was removed.—J. N. HANGER, Louisa Co., Va.

Canada Field Peas

Canada Field Peas sown in November or December, and covered deeply, come up early in the spring and grow off rapidly as soon as the weather opens. They usually make a splendid yield, which can be fed green or cured for hay; also makes a good soil-improver when turned under like cow peas or clover, but its greatest value is as a forage crop. Canada Field Peas are best sown with oats, at the rate of one bushel of peas to one bushel of winter or rust-proof oats to the acre. Or, if sown by themselves, sow one and a half bushels to the acre. They should be covered deeply with a heavy harrow, or plowing them in with a single-horse plow is probably the best. Sowing oats is a decided advantage, as they help hold the peas off the ground, enabling them to make a better growth, and as both mature together, they should make a splendid combination of feed, greatly relished and very nutritious for all farm animals. The Canada Field Pea is entirely different from the Cow or Stock Peas. It is really a field variety of the English or Garden Peas. It is very extensively used as a field crop in Canada and the northern States. **Price, about \$1.70 per bushel; cotton bags, 18c extra. Price fluctuates.**

Canada Field Peas Sown in Fall Made a Heavy Crop

The Canada Field Peas that I planted last fall grew finely and I made a heavy crop.—R. S. DAVIS, Mecklenburg Co., N. C., October 1, 1910.

Canada Field Peas have proven perfectly satisfactory each year I have planted them. I reaped a fine crop of hay last May from your Canada Field Peas and Ninety-day Oats planted in February.—MRS. ESSIE DUNSTAN, Bertie Co., N. C., August 23, 1911.

The Canada Field Peas were far beyond my expectations. They were sowed with Ninety-day Oats and made about two tons of fine hay to the acre.—N. J. VINES, Washington Co., Tenn., August 28, 1911.

CRIMSON CLOVER—The King of Soil Improvers

The following letter from one of our customers brings out very strongly his experience in enriching the farm and increasing the crops by the use of Crimson Clover:

As my experience with Crimson Clover has been so entirely satisfactory in every point, it is hard to know where to start: as a hay crop it is not excelled by anything. As a soil improver I don't know anything that will touch it. It is certainly the poor man's as well as the poor lands friend. I commenced sowing Crimson Clover twenty-five years ago. Your firm shipped me a peck free of charge and asked me to try; I think it was the first sown in this county. I had the poorest farm in the United States, but with clover I have made it as rich as anybody's. I put ten acres in corn last year after cutting off about three tons of clover to the acre and made 142 barrels without any fertilizer except 400 pounds of Acid Phosphate and Mariate Potash combined. I am now saving from the same land about two tons clover hay to the acre. I have rotated some of this land in this way for ten years making more clover and more corn each year. I could write a longer letter on this Southern Redeemer. I suppose there was 500 bushels sown in this county last year—all started from that one peck sent me by your firm.—H. T. MACON, Warren Co., N. C.



Canada Field Pea

STANDARD HIGH-GRADE FERTILIZERS

Standard Grain and Grass Fertilizer

Analysis.—Ammonia, 2 to 3 per cent.; phosphoric acid, 8 to 10 per cent.; potash (actual), 2 to 3 per cent. **Bag of 200 pounds, \$2.30; ton, \$22.00.**

This brand is specially prepared for all grain and grass crops. It is quick-acting and at the same time lasting in its results, largely increasing the grain crop, and at the same time acting as a permanent improver, thus also benefitting the grass or clover crop materially, or leaving the land in better condition for any other crop that may follow the grain crop. Use 300 to 400 pounds per acre when drilled with the grain. When broadcasted, use at the rate of 400 to 500 pounds per acre, and it is better to apply it before seeding the grain and to harrow all in together.

Standard Wheat Fertilizer

Analysis.—Ammonia, $1\frac{1}{2}$ to 2 per cent.; phosphoric acid, 9 to 10 per cent.; potash (actual), 1 to 2 per cent. **Bag of 200 pounds, \$2.00; ton, \$19.00.**

This is specially prepared for the wheat crop, containing the necessary ingredients to insure successful crops. It will largely increase the yield and quality of the grain, besides proving of permanent benefit to the land. Use 300 to 400 lbs. per acre.

Standard Crop Grower

Analysis: Ammonia, $1\frac{1}{4}$ to 2 per cent.; phosphoric acid, 8 to 10 per cent.; potash (actual), 2 to 3 per cent. **Bag of 200 lbs., \$2.10; ton, \$20.00.**

This fertilizer gives excellent results for oats, wheat and general farm crops. Apply in drills at the rate of 300 to 400 pounds, or 600 to 800 pounds per acre broadcast, mixing with the soil.

Standard Vegetable Fertilizer

Analysis.—Ammonia, 3 to 4 per cent.; phosphoric acid, 8 to 10 per cent.; potash, soluble, 3 to 4 per cent. **Bag of 200 pounds, \$2.80; ton, \$27.00.**

This fertilizer is especially prepared and highly recommended for all vegetable crops. Use 300 to 400 lbs. per acre in hills or drills, or 600 to 800 lbs. per acre broadcast. A good substitute for stable manure, or can be used in connection with it.

Standard High Grade Acid Phosphate

Fourteen per cent. Acid Phosphate. Bag of 200 lbs. \$1.40; ton \$13.50.

Sixteen per cent. Acid Phosphate. Bag of 200 lbs. \$1.50; ton \$14.50.

Our experience has led us to believe that nearly all southern soils are lacking in available phosphoric acid and lime, and for this reason acid phosphate is a most valuable fertilizer. It gives excellent results on nearly all crops, but is especially recommended for use on grain and grass. Apply at the rate of 300 to 400 pounds per acre, either in drills or broadcast. If broadcasted, it should be harrowed in at the time of applying, so as to incorporate it well with the soil. When used on grass, clover and grain crops, it is best to apply it two or three weeks before seeding.

Standard Bone and Potash Mixture

Analysis.—Phosphoric acid, 10 to 12 per cent.; potash, 2 to 3 per cent. **Bag of 200 pounds, \$1.50; ton, \$14.00.**

Wood's Pure Animal Bone

A First-Class Article of Finely-Ground Bone, Specially Recommended for Use on Grain, Grass and Clover Crops.

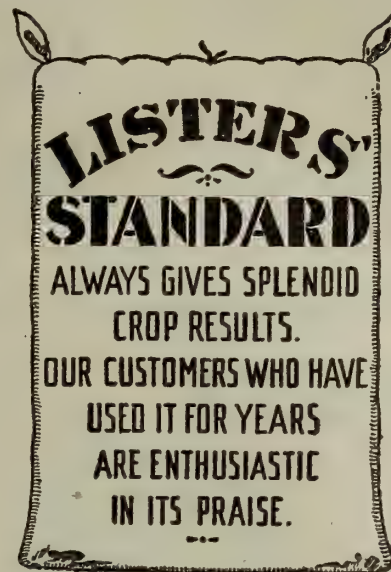
Analysis: Ammonia, 4 to 5 per cent.; bone phosphate, 55 to 60 per cent.; equivalent to phosphoric acid, 25 to 27 per cent. **Bag of 200 lbs. \$3.60; ton, \$35.00.** Special prices on large lots.

Pure animal bone is one of the best and most satisfactory fertilizers that the farmer can use. It can always be relied upon to give excellent results upon the growing crops, at the same time acting as a permanent improver, showing its results for several years afterwards wherever it is applied. It is the best of dry-weather fertilizers, as, if it is prevented by drought from acting, its strength still remains in the soil, and is thus available when seasonable weather comes on, or for later crops.

It is ordinarily used at the rate of 300 to 500 pounds to the acre, although heavier applications are frequently made. It should be covered or incorporated with the soil at the same time as applied, in order to prevent the escape of ammonia. The guaranteed analysis of Wood's Pure Animal Bone is as follows:

Listers' Standard Bone Superphosphate

The excellent reputation of this brand in the twenty years we have been supplying it to our customers has been fully maintained, both in satisfactory crop results and in the permanent improvement of soils resulting from its use.



Lister's Standard is made purely from an Animal Bone basis, and it cannot, of course, be sold quite as low as fertilizers in which the phosphoric acid is derived from acid phosphate, and while fertilizers deriving their phosphoric acid from the latter source give, as a rule, excellent results; still it is the opinion of many practical farmers that the animal bone basis fertilizers are more reliable and lasting in their effects, and that they give much surer and better results in dry seasons.

Lister's Standard is a complete manure, containing all the elements of plant-food, and can be used on any crop as a substitute for stable manure, or, used with it, will give much better results than the use of manure alone. It gives the most satisfactory results on all farm and vegetable crops, being especially recommended for both late and early cabbage, potatoes and corn. It is also excellently adapted for use on grain crops, especially those to be followed by grass. Our customers who have used it for years pronounce it to be one of the most reliable fertilizers for all seasons, that they have ever used.

Analysis: Ammonia, 3 to 4 per cent.; phosphoric acid, 9 to 10 per cent.; soluble potash, 2 to 25 per cent. **Bag of 167 lbs., \$2.50; ton of 12 bags, \$28.00.**

Mapes' Vegetable Manure or Complete Manure for Light Soils

Analysis: Ammonia, 6 to 8 per cent.; phosphoric acid, available 6 to 8 per cent., soluble potash, 6 to 8 per cent., all as high-grade sulphate and in forms free from muriates (or chlorides).

A strictly high-grade fertilizer, especially adapted for use by truck-growers, and on all classes of soil, with or without stable manure, for vegetables, insuring quick growth, tenderness, productiveness, fine flavor, nutritious quality and early maturity—one to two weeks earlier than by usual methods. It is especially recommended for and is largely used by our leading truckers upon the following crops: Radishes, lettuce, beets, onions, peas, snap-beans, tomatoes, cucumbers, pepper, spinach, early and late cabbage, eggplant, early turnips, melons, squashes and asparagus beds.

This fertilizer is also, from the nature of its analysis and constituents, a complete manure for light soils, and on this class of soils will give the most excellent results on all farm crops, including corn, grass and grain crops. On heavier soils for these latter crops we would, however, recommend the Complete Manure, "A" Brand. **Per 100-lb. bag, \$2.25; bag of 200 lbs. \$4.25; ton, \$42.00.**

Mapes' Complete Manure "A" Brand

Analysis: Ammonia, 3 to 4 per cent.; phosphoric acid, soluble and available, 10 to 12 per cent.; soluble potash (actual), $2\frac{1}{2}$ to $3\frac{1}{2}$ per cent. **Bag of 200 lbs. \$3.65; per ton, \$36.00.**

This is a complete manure for all crops, especially prepared for use on average good or heavy soils. On this class of soils it is specially recommended for use on general farm crops, such as corn, millet, oats, wheat, rye, and for all grain crops and seeding to grass with or without grain. The drilling quality of this manure, and its effect on wheat, rye and succeeding grass crops, have achieved for it, after many years' use, a very high reputation.

Basic Slag

This is coming into very general use for fertilizing land for both spring and fall crops. It contains, in readily available form, the lime and phosphoric acid needed by so many of our farming lands. The Basic Slag we offer has a contents of 17 to 19 per cent. phosphoric acid. **Price, per ton, \$17; in 5 ton lots and over, \$16.50 per ton.**

Wood's Garden Seeds for Fall Planting

OUR LIST does not include every known variety as many kinds are not worth planting, and others are not suited to our Southern soils and climate. We offer a selected list of tried and proved varieties, such as experience has proved particularly well adapted for Southern growers. In selecting and growing "WOOD'S SEEDS" our aim is to supply the very best at as reasonable prices as first-class seeds can be sold.

Gardeners in the far South

who do not find what is wanted in this list are referred to our Annual Catalog for prices, or we will quote on receipt of a list of their requirements.

Seeds by Mail Where quoted "postpaid" in this catalog, we deliver by mail or express, all charges prepaid, to any post or express office in the United States, Alaska, Cuba, Porto Rico and the Philippines. Add to the price of Beans and Corn 15 cts. per qt.; onion sets, 10 cts. per qt., if to be sent by mail.

Seeds by Express By special agreement the express companies carry shipments at a special rate—about 20 per cent. less than the usual merchandise rate. On every express package we print a table of rates showing exact charge on each shipment. To Virginia points the charge is 25 cts. for 5 lbs. or less; 50 cts. for 50 lbs. or less.

For Complete Descriptions of Varieties see Our Annual Catalog

ASPARAGUS ROOTS

Set out in November in good, rich, light, warm soil—the better the soil the larger the crop. Plow or dig out rows 15 to 18 inches deep and 5 feet apart, put in a good application of well-rotted manure and Wood's Pure Animal Bone, and spread the roots, eye up, 18 to 24 inches apart, and cover with 4 inches of soil, and as cold weather approaches, cover with manure, which may be forked in early in the spring. To make white asparagus, earth up 18 inches above the roots the second spring after planting and just before the growing season commences—this causes the stalks to blanch almost pure white. Do not continue cutting too late, as it will exhaust the plants. During the winter, cut or burn off the growth, run over the rows with a one-horse plow very shallow so as not to cut the crowns, and apply well rotted manure or Wood's Pure Animal Bone. For quickest results use strong two-year-old roots. Orders booked now for shipment after November 15th.

Conover's Colossal.—Two-year-old roots, 75 cts. per 100; \$4.00 per 1,000. By mail, postpaid, \$1.10 per hundred.

Palmetto.—Two-year-old roots, 90 cts. per 100; \$4.50 per 1,000. By mail, postpaid, \$1.25 per 100.

We will quote special prices on large lots.

WE ALSO HANDLE Asparagus Bunchers, Asparagus Knives, Raffia and Jute String for tying up vegetable bunches.

GARDEN BEANS or SNAPS

Beans are planted all through the summer for a succession, both for the private garden and market. The large truckers throughout the South also plant very largely during August and September, to come in just before cold weather. Planted at this time, they frequently make a very profitable crop for shipment to northern markets at a time when vegetables of this kind usually sell at very good prices.

Cultural directions and descriptions are given on page 12 of our Annual Catalog. If you have not a copy, write for it.

GREEN PODDED BEANS. By express or freight, Postpaid.				
All varieties 5 cts. per packet.	Qt.	Peck	Bus.	Qt.
Wood's Earliest Red Valentine.....	.20	\$1.10	\$4.00	.35
Bountiful.....	.20	1.00	3.90	.35
Longfellow.....	.20	1.10	4.00	.35
Refugee or 1,000 to 1.....	.20	1.10	4.00	.35
Extra Early Refugee.....	.20	1.00	3.90	.35
Black Valentine.....	.20	1.00	3.90	.35
Giant Stringless Green Pod.....	.25	1.25	4.50	.40
Burpee's Stringless Green Pod.....	.25	1.35	4.75	.40
Long Yellow Six Weeks (green pod).....	.20	1.00	3.90	.35
Mohawk, or Brown Six Weeks.....	.20	1.10	4.00	.35
Hodson Green Pod.....	.20	1.00	3.90	.35
Full Measure.....	.25	1.40	5.00	.40

YELLOW or WAX PODDED BEANS.

Dwarf Black Wax.....	.25	1.35	5.00	.40
Pencil Pod Black Wax.....	.25	1.35	5.00	.40
Dwarf Golden Wax.....	.25	1.35	5.00	.40
Keeney's Rustless Golden Wax.....	.25	1.40	5.25	.40
Hodson Wax.....	.25	1.35	5.00	.40
Crystal White or Cabbage Wax.....	.25	1.50	5.50	.40
Currie's Rust-Proof Wax.....	.25	1.35	5.00	.40
Davis Kidney Wax.....	.25	1.35	5.00	.40
Wardwell's Kidney Wax.....	.25	1.35	5.00	.40
New Hardy Wax.....	.30	1.60	6.00	.45
Cotton Sacks (2½ bus.) 22 cts. extra.				

BEETS

For fall and winter use, sow in June or July, in rows 15 inches apart, thinning out to 4 inches in the row; further South sowings may be made as late as September in the open ground after which they should be sown in hot-beds for transplanting. Soak the seeds from 24 to 36 hours before planting. One ounce will sow 50 feet; 6 to 8 lbs., one acre.

	By mail, postpaid				By Ex.
	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Wood's Crimson Globe.....	.05	.20	.60	\$2.00	\$1.90
Crosby's Improved Egyptian.....	.05	.20	.60	2.00	1.90
Detroit Dark Red.....	.05	.15	.40	1.35	1.25
Extra Early Bassano, or Sugar.....	.05	.10	.35	1.00	.90
Extra Early Eclipse.....	.05	.15	.40	1.35	1.25
Improved Early Blood Turnip.....	.05	.15	.40	1.35	1.25
Bastain's Early Blood Turnip.....	.05	.15	.40	1.35	1.25
Long Smooth Blood.....	.05	.10	.25	.90	.80
Swiss Chard, or Spinach Beet.....	.05	.10	.25	.90	.80

BROCCOLI , White Cape.....	.10	.30	1.00	3.50	3.40
BRUSSELS SPROUTS , Perfection.....	.05	.15	.50	1.50	1.40
Improved Long Island.....	.10	.30	.90	3.00	2.90

LATE CABBAGE For Early Varieties, see page 21.

	By mail, postpaid				By Ex.
	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Danish Winter Ballhead.....	.06	.25	.75	\$2.50	\$2.40
Louisville Drumhead.....	.03	.15	.45	1.60	1.50
Surehead.....	.03	.15	.45	1.60	1.50
Buncombe, or North Carolina.....	.05	.20	.50	1.70	1.60
Green Glazed, or Worm Proof.....	.03	.15	.45	1.60	1.50
Autumn King or World Beater.....	.05	.20	.50	1.70	1.60
Large Late Flat Dutch.....	.03	.15	.45	1.60	1.50
Large Late Drumhead.....	.03	.15	.45	1.60	1.50
Wood's Prizehead Late Flat Dutch.....	.05	.20	.50	1.75	1.65
Am. Perfection Drumhead Savoy.....	.05	.15	.45	1.65	1.55
Red Mammoth.....	.05	.20	.50	1.60	1.50

CARROT

For winter use sow in July or August in a rich, deeply-worked soil, ½ inch deep in drills 12 inches apart, and thin out to 3 or 4 inches apart. The seeds will germinate more freely if soaked for several hours before sowing. Sow a few radish seed in the same row—they germinate more quickly than carrots and serve to mark the rows. To put away for winter, cut off the tops to within an inch of the crown and pack in sand in the cellar, or they can be pitted outdoors and covered with a few inches of straw and 6 or 8 inches of earth to prevent freezing. In this way they may be kept all winter.

	By mail, postpaid				By Ex.
	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Early Scarlet Horn.....	.05	.25	.75	\$2.60	\$2.50
Oxheart, or Guerande.....	.05	.20	.65	2.10	2.00
Half-Long Scarlet Stump-Rooted.....	.05	.20	.65	2.10	2.00
Half-Long Danvers.....	.05	.25	.75	2.60	2.50
Wood's Scarlet Intermediate.....	.05	.25	.75	2.60	2.50
Chantenay or Model.....	.05	.25	.75	2.60	2.50
Large White Belgian (for stock).....	.05	.10	.35	1.10	1.00
Large Yellow Belgian (for stock).....	.05	.15	.40	1.25	1.15

Wood's Cabbage Seeds for Fall Sowing

CULTURE.—For fall and early spring setting, sow from the end of September till the first of January—November and December sowings should be made in cold-frames or hot-beds so as to protect them during the winter. Plants from early fall sowing can be set out the end of October or during November, to head up early in the spring. Plants that are wintered over should be set out in February, March or April, as early as the weather will permit. Set the plants 18 inches apart in rows 2½ to 3 feet apart, running the rows east and west and setting the plants on the north side of the ridge to prevent, as much as possible, the frequent freezing and thawing so injurious to cabbage. This crop requires a good, rich soil, plenty of moisture and a highly ammoniated fertilizer for best results, also frequent and deep working.

Wood's Extra Early. The Earliest of All Pointed Cabbages.

The earliest cabbage in cultivation and in every way one of the most desirable extra early varieties. Larger than the Wakefield; not quite as solid, but fully a week earlier. The quality is good, has few loose leaves, and nearly every plant forms a head. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., \$2.35, postpaid. By express, \$2.50 per lb.

Eureka Extra Early. The Earliest Flat Cabbage Grown.

As early as the Wakefield; heads of good size, with few outside leaves; very uniform in growth and remarkably solid for so early a cabbage. We recommend it for extensive cultivation. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid. By express, \$1.90 per lb.

Enkhuizen Glory.—As early as Early Flat Dutch and three times as heavy. Dwarf and very compact, ball-shaped, few outside leaves and can be planted close. Of ideal size for marketing. Exceedingly tender and fine flavor. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid. By express, \$1.90 per lb.

Henderson's Early Summer —A splendid sort coming in just after the Wakefield. Makes large, fine, round heads. Pkt., 3 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.60, postpaid. By express, lb. \$1.50; 5 lbs. and over, \$1.40 per lb.

Early Flat Dutch —One of the most popular and reliable medium-early varieties. Makes large, flat, solid heads. Pkt., 3 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.60, postpaid. By express, lb. \$1.50; 5 lbs. and over, \$1.40 per lb.

All Head Early—Has no superior as a second early, to follow in succession after Wakefield. Makes a compact, hard flat head. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid. By express, \$1.90.

Solid South —A magnificent cabbage, resembling the Early Summer, but earlier, larger, more uniform, has fewer outside leaves, and is less liable to run to seed when sown in the fall. Does well both for early and late crop, and equally well adapted for the family garden and shipping. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.60, postpaid. By express, lb., \$1.50.

OTHER WELL KNOWN VARIETIES.

For descriptions, see our Annual Catalog.

	By mail, postpaid				By Ex.
	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Early York .....	.03	.15	.40	\$1.50	\$1.40
Large York .....	.03	.15	.40	1.50	1.40
Winnigstadt .....	.03	.15	.45	1.60	1.50
Early Drumhead .....	.03	.15	.40	1.60	1.50
Early Spring .....	.03	.15	.40	1.50	1.40
Henderson's Succession .....	.05	.20	.65	2.25	2.15
All Seasons .....	.03	.15	.50	1.75	1.65

CABBAGE PLANTS.—Late varieties can be had up to September 15th. 40 cts. per 100, postpaid. By express, 25 cts. per 100; \$2.00 per 1,000. Early varieties during September, October and November. 45 cts. per 100, postpaid. By express, 30 cts. per 100; \$2.50 per 1,000.

Wood's Celebrated Wakefields, The Cabbages that have helped to make Wood's Seeds famous.



Wood's Selected Early Jersey Wakefield

Long continued care and critical selection have resulted in as pure a strain as it is possible to obtain; sureness to head and regularity in growth have placed our Wakefield at the top in popularity with our Southern growers. We have no fear of praising it too highly—it is a thoroughbred strain. Makes a compact solid head with few outside leaves, permitting of close planting. Very hardy, resisting cold and unfavorable conditions, thus insuring the greatest likelihood of profitable and satisfactory results. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid. By express, lb. \$1.90; 5 lbs. and over, \$1.75 per lb.



Wood's Charleston Wakefield

All that we say about the purity and excellence of our Jersey Wakefield is equally true of our Charleston Wakefield—it is as pure and true a strain as careful selection can make it. It is a few days later than the Jersey Wakefield, but larger and more solid. Exceedingly hardy, and on account of its earliness and size, is deservedly popular, not only with larger market growers, but for the private gardener. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid. By express, lb., \$1.90; 5 lbs. and over, \$1.75 per lb.

Celery

Golden Self Blanching—**FRENCH GROWN.** Our stock is grown expressly for us by the originator in France and imported direct. It must not be confused with cheap American-grown seeds, which we do not handle at any price. Our strain makes beautiful, stocky, heavy, perfectly solid stalks 18 to 20 inches high, of the most delicate flavor and good keeping quality. Nearly as early as White Plume, heart large, solid, crisp and brittle; excels all others in tenderness and nutty flavor. Crop very short. Pkt., 20 cts.; ½ oz., 70 cts.; oz., \$1.35; ¼ lb., \$5.00, postpaid.

Rose Ribbed Self-Blanching—Similar to Golden Self-Blanching except that the outside ribs are tinged with a beautiful rosy pink. Grown in France by the same grower who supplies our Golden Self-Blanching, and imported direct. Pkt., 5 cts.; oz., 25 cts.; 2 oz. for 40 cts.; ¼ lb., 75 cts.; lb., \$2.50, postpaid.

Improved White Plume—A magnificent celery for early use, and being self-blanching, requires but little working. The stalks and leaves naturally turn white upon reaching maturity. In succulence, crispness and flavor, it is all that can be desired. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.60, postpaid. By express lb. \$2.50.

PINK PLUME.—Practically identical with White Plume except that the stalks are tinged with pink, and has all the fine qualities of the White Plume. One of the most beautiful of all celeries. Pkt., 5 cts.; oz., 15 cts.; 2 ozs. for 25 cts.; ¼ lb., 45 cts.; lb., \$1.60, postpaid. By express, lb., \$1.50.

DWARF GOLDEN HEART.—A thoroughly reliable half-dwarf celery and probably the best general purpose variety in our list. Makes a solid stalk of fine, nutty flavor and free from stringiness. Later than the self-blanching varieties, but keeps better. Pkt. 5 cts.; oz. 15 cts.; 2 ozs. for 25 cts.; ¼ lb. 45 cts.; lb. \$1.60, postpaid. By express, lb. \$1.50.

GIANT PASCAL.—Stalks large, thick and solid with golden heart. A fine keeper. Pkt., 5 cts.; oz., 15 cts.; 2 ozs. for 25 cts.; ¼ lb., 45 cts.; lb., \$1.60, postpaid. By express, \$1.50 per lb.

WINTER QUEEN.—A fine winter celery of robust growth; requires but little earthing up, and makes broad, solid stalks, very crisp and tender. Hardy and a splendid keeper. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.75, postpaid. By express, \$1.65 per lb.

COLLARDS

One of the most popular Southern vegetables. Largely used in place of cabbage. It is harder and easier to grow than cabbage, making a most excellent vegetable for use in the late fall and during the winter and well into the spring. For late crop, sow in June, July and August, transplanting to a foot apart in the row and cultivating frequently the same as for cabbage.

NORTH CAROLINA SHORT STEM.—Has large spreading leaves and short stem. Very hardy, withstands drought and cold. Flavor and cooking qualities of the best. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid. By express, lb., 90 cts.

TRUE GEORGIA or SOUTHERN.—The well known and popular collard that has been grown for generations in the South. Tall and long stemmed. Pkt. 3 cts.; oz., 8 cts.; ¼ lb., 20 cts.; lb., 55 cts., postpaid. By express, lb., 45 cts.

ENDIVE

One of the most delightful and refreshing salads for late summer, fall and winter, also useful for garnishing. In late years it has been in general demand in northern markets. Serve like lettuce.

CULTURE.—Sow in August in drills 18 inches apart, and thin out to 1 foot apart. When nearly grown, tie up the outer leaves to blanch the heart. In dry seasons, give plenty of water.

GREEN CURLED.—The best variety for general use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb. 35 cts.; lb. \$1.00, postpaid. By express, lb. 90 cts.

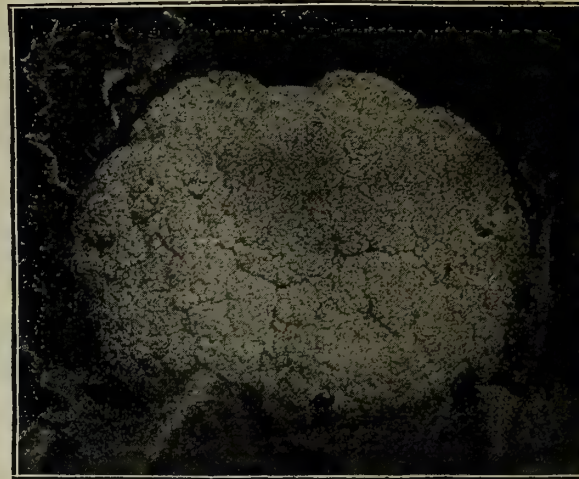
WHITE CURLED.—Finely cut leaves, almost white; can be used without blanching when young. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid. By express, lb., 90 cts.

Horse Radish Roots 25 cts. per doz.; 50 for 50 cts.; 75 cts. per 100, postpaid. By express, 20 cts. per doz.; 50 cts. for 100; 500 for \$2.25; \$4.00 per 1,000. Ready after November 15th.



Endive

Cauliflower



Wood's Earliest Snowball Cauliflower

Cauliflowers require the same treatment and cultivation as cabbage. Not quite as hardy, either in resistance to dry, hot weather or to cold weather, but where they can be watered during dry spells or protected during the late fall and winter, they make a very satisfactory crop. Where grown to perfection, they are very profitable. A most delicious vegetable, and all gardeners should plant at least a small patch for private use. Can be sown in June, July and August for heading up during the fall, or sown in cold frames in the fall and set out early in the spring. Cultivation same as for cabbage.

We supply half ounces Cauliflower seed at the ounce rate.

Wood's Earliest Snowball—There is no better cauliflower for Southern growers and our strain is as fine as can be had at any price. It is not only the earliest to head, but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. We recommend it also for the late summer and fall crop. It is as well adapted for forcing as for growing out of doors. Pkt. 20 cts.; ¼-oz. 60 cts.; oz. \$2.00; ¼-lb. \$7.00; lb. \$25.00.

EXTRA EARLY DWARF ERFURT.—A first-class cauliflower, ranking next to our Snowball. Produces large, white, close, firm heads of fine quality. It is extra early and a sure header. Pkt. 10 cts.; ¼ oz., 40 cts.; oz. \$1.35; ¼ lb. \$5.00; lb. \$18.00.

Veitch's Autumn Giant—A valuable late variety, admirably adapted for growing in the fall. The heads are large and white and remain long fit for use. Pkt. 5 cts.; oz. 40 cts.; ¼ lb. \$1.10; lb. \$4.00 postpaid.

CAULIFLOWER PLANTS.—65 cts. per 100, postpaid. By express, 50 cts. per 100; \$4.00 per 1,000.

CORN SALAD or FETTICUS



Corn Salad or Feticus

This makes a most desirable salad. Can be used like lettuce or cooked like spinach. In some sections, corn salad is very popular, but it has not been grown to any extent in the South because its merits are not generally known. Makes an attractive appearance, both while growing and when on the table, and we recommend its more extended culture. August and September are the best months to sow for use during the fall, and fall seedings give best results.

Sow in shallow drills, about one foot apart. Pkt. 3 cts.; oz. 8 cts.; ¼-lb. 15 cts.; lb. 50 cts., postpaid. By express, 40 cts. per lb.

Egg Plant

	By mail, postpaid				By Ex.
	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Black Beauty	\$0.10	\$0.30	\$1.00	\$3.35	\$3.25
Florida High Bush	.10	.30	1.00	3.50	3.40
New York Improved Purple	.05	.25	.80	3.00	2.90

LETTUCE

CULTURE.—Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation, and plenty of water, to give it that quick growth on which depends its tenderness and flavor. For autumn, sow in July or August and transplant as soon as ready. They will head up for use late in the fall. For later use transplant to cold-frames, protect during severe spells, and they will head up during November and December. The hardy varieties, like Wood's Cabbage, can be sown in September and October, transplanted later to rows where they are to grow, and protected with straw or litter, they will stand the winter and head up early in the spring; or they can be transplanted to cold-frames or hot-beds to head up during the winter. Wood's Improved Big Boston is the best for sowing early in the fall. Wood's Cabbage is better for sowing later, as it is hardier and stands more cold weather. One ounce will produce about 1,500 plants.

Should plant lice attack the plants in hot-beds and greenhouses, apply tobacco dust to plants and soil or fumigate with tobacco; for green lettuce worm apply, while the dew is on, pyrethrum mixed with three times its bulk of flour.

May King—Extra fine for growing in cold-frames. Makes large, round, solid heads, 6 to 7 inches in diameter, with broad, light green, outer leaves firmly folded. Grown outdoors, it is extremely early; for forcing it is in every way desirable. The center blanches to a rich golden yellow. A remarkably good all-round first early lettuce. **Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.35, postpaid.** By express, \$1.25 per lb.

The May King Lettuce bought of you was fine.—MRS. S. F. CARROLL, Campbell Co., Va.

California Cream Butter—Does well everywhere and in all seasons. A good shipper, very hardy and especially recommended for outdoor growing. One of the most buttery flavored and best in quality. **Pkt. 3 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.** By express, lb. 90 cts.

White Seeded Tennisball—A splendid shipper and distinctly a market gardener's forcing lettuce. Very early, medium size, firm, sweet and buttery. Especially fine for growing in frames. **Pkt. 3 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.** By express, lb. 90 cts.

Grand Rapids—Makes a large handsome curly-leaf head of excellent quality. Excellent for forcing and shipping and also for outdoor planting both in the spring and fall. **Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.10, postpaid.** By express, lb. \$1.00.

Mammoth Black Seeded Butter—Sure header and reliable; one of the best for fall sowing. Makes large cabbage-like heads, creamy white inside; very tender and of rich, buttery flavor. **Pkt. 3 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.** By express, lb. 90 cts.

Dutch Butterhead—Very hardy and reliable and particularly well suited for cold-frames. Heads are compact and solid, the hearts well blanched. **Pkt. 3 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.** By express, lb. 90 cts.

Brown Dutch—Extremely hardy; fine for growing outside during the winter. Makes a good solid head. **Pkt. 3 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.** By express, lb. 90 cts.

OTHER WELL KNOWN LETTUCES.

See our Annual Catalog for full descriptions.

	By mail, postpaid				By Ex. Lb.
	Pkt.	Oz.	¼ lb.	Lb.	
Improved Hanson.....	.03	.10	.30	\$1.00	.90
Deacon .....	.03	.10	.30	1.00	.90
Early Prizehead.....	.03	.10	.30	1.00	.90
Crisp-as-Ice .....	.05	.15	.40	1.25	1.15
Early Curled Simpson.....	.03	.10	.30	1.00	.90
Cos or Romaine.....	.05	.15	.40	1.25	1.15

Two Grand Lettuces for Fall Sowing



WOOD'S CABBAGE LETTUCE

The Hardest and Best Lettuce for Outdoor Growing

Wood's Cabbage Lettuce—We do not hesitate to say that this is the best of all lettuces for wintering outdoors in the South. No lettuce will stand cold weather better. It makes a fine, large, firm, well-blanching head of most excellent quality and sweet and buttery flavor. We introduced Wood's Cabbage Lettuce twenty-nine years ago, and in all these years we have not found its equal for fall sowing. **Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.50, postpaid.** By express, \$1.40 per lb.; 5 lbs. for \$6.25.

Wood's Cabbage Lettuce is the finest I ever saw cultivated. It went through the winter in the open field without any protection, and it is remarkable how well it stood the dry, hot spring weather and held its crisp, tender, delicious flavor to the last, so much so that our customers would often ask "How do you keep this lettuce so tender this hot, dry weather?" I have never known such a valuable lettuce before.—H. L. BAUMGARTNER, Roane Co., Tenn.



WOOD'S IMPROVED BIG BOSTON LETTUCE

The Best Lettuce for Cold-frames, for Market and Shipping.

Wood's Improved Big Boston—Too much praise cannot be given our grand strain of this splendid lettuce. It has steadily gained in popularity until now, throughout the large trucking sections of the South, it is more extensively grown than all other varieties, except our Wood's Cabbage Lettuce. It may be grown in the open ground for summer and fall use, or in frames under canvas, and always makes large, fine, buttery heads with thoroughly blanched hearts, crisp, tender, white and sweet. We cannot recommend too highly our splendid strain of this most excellent variety. It gives the best of satisfaction under all possible conditions. **Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.10, postpaid.** By express, \$1.00 per lb.; 5-lb. lots and over, 90 cts. per lb.

Out of all the lettuce seed I planted, Wood's Improved Big Boston made the healthiest and hardiest plants and all headed nicely. I will plant them again as they gave me the best satisfaction and I was well pleased with them. I sold some as high as \$4.56 per basket.—J. A. PEMBERTON, Cumberland Co., N. C.

Wood's Improved Big Boston Lettuce has always given me satisfaction and heads up well.—N. J. NORTHAM, New Hanover Co., N. C.

Kale or Borecole



Early Curled Siberian Kale

Dwarf Curled Scotch or Norfolk Kale

The most beautiful variety and very popular in the Norfolk and other trucking districts for market purposes. Makes a quick and large growth; leaves of a bright, deep green color, exquisitely curled and crimped. It is very hardy and makes large yields. Pkt. 3 cts.; oz. 8 cts.; ¼ lb. 20 cts.; lb. 65 cts., postpaid. By express, 55 cts. per lb.; 5 lbs. and over, 50 cts. per lb.

Early Curled Siberian (Blue Kale) —One of the most popular varieties for home use and home market throughout the South. The plant is dwarf, spreading and very hardy, standing the winter without protection. The leaves are green, slightly tinted with purple, and of superior table qualities. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.; 5 lbs. and over, 30 cts. per lb.

SPRING or SMOOTH KALE.—Largely sown in the fall for cutting during the winter and spring before the winter kinds are ready. Pkt. 5 cts.; ½ lb. 15 cts.; lb. 25 cts., postpaid. By express, lb. 15 cts. 2 lbs. for 25 cts.; 10 lbs. for \$1.00.

Turnip Rooted Kale —Rapidly growing in favor wherever it is grown. It makes a growth somewhat similar to the curled kale, but is of superior flavor and table qualities. In addition to making fine kale, it also makes a parsnip-like root of excellent flavor and can be used the same as carrots or parsnips. It thus makes a combination vegetable, furnishing both a salad and root crop. It will yield fully as much, or even more cuttings than the Siberian Kale, and it stands longer without going to seed. It is entirely hardy, and will stand the coldest weather. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.25, postpaid. By express, \$1.15 per lb.



Kohl Rabi

Kohl Rabi —Combines the flavors of the cabbage and turnip and makes a splendid dish if used when roots are 2 to 3 inches thick, when they are very tender and delicate. Also makes a fine stock food, yielding 300 to 400 bushels to the acre. For late use, sow in drills from June to September, thinning out to eight inches apart. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50, postpaid. By express, \$1.40 per lb.

Leek LARGE FLAG.—Sow in September and transplant in the fall or early spring. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00, postpaid. By express, lb. \$1.90.

Mushroom Spawn—Mushrooms may be grown in cellars, under greenhouse benches or in sheds, wherever a temperature of 50 degrees can be kept up throughout the winter. We issue a special circular giving full cultural directions, which will be sent on request. Per brick (about 1 1-3 lbs.) 35 cts. each; 3 for \$1.00, postpaid; by express 20 cts. per brick; 10 bricks for \$1.80. A brick is enough for 9 square feet.

CULTURE.—Scotch and Siberian are the popular kinds for fall sowing. Sow from August 15th to October 15th, either broadcast or in drills 18 inches apart. It is best to sow in drills and cultivate. Spring or Smooth Kale can also be sown in the fall, as it is equally as hardy as the Curled Kales, but quicker growing and can be seeded later and cut during the winter and spring, yielding salad earlier than the winter varieties. Sow winter sorts 3 to 4 lbs. to the acre. Spring Kale, 8 lbs. to the acre broadcast, 4 to 5 lbs. in drills.

Mustard

This is grown to quite a large extent in the Southern States. It is used like spinach, or boiled with meat as greens. Southern Giant Curled is the best for general use.

CULTURE.—Sow during September or October, either broadcast or in rows 6 inches apart. Cut when about 3 inches high. Sow 1 ounce to 80 feet of drill, or broadcast 5 to 6 lbs. per acre.

SOUTHERN GIANT CURLED or CHINESE.—The best variety known. The leaves are exquisitely crimped, ruffled and frilled, and make an excellent table garnishing. Of superior flavor, very succulent, pungent and very popular wherever grown.

Pkt. 3 cts.; oz. 8 cts.; ¼ lb. 15 cts.; lb. 50 cts., postpaid. By express, lb. 40 cts.; 5 lbs. and over, 35 cts. per lb.



Southern Giant Curled Mustard

WHITE MUSTARD.—Leaves medium dark green and comparatively smooth. Mild and tender when young. Pkt. 3 cts.; oz. 5 cts.; ¼ lb. 10 cts.; lb. 35 cts., postpaid. By express, lb. 25 cts.

BLACK MUSTARD.—Stronger than the white. Pkt. 3 cts.; oz. 5 cts.; ¼ lb. 10 cts.; lb. 30 cts., postpaid. By express, lb. 20 cts.

PICKLING MUSTARD.—Lb. 25 cts., postpaid. By express, lb. 15 cts.

Parsley

For spring use, sow in September or October and give slight protection, or sow in cold-frame or hot-bed for winter use. Further South, sowings can be made from August to April. Each cutting improves the quality. Seeds germinate slowly; soak for 12 hours before sowing.

CHAMPION MOSS CURLED.—Beautifully curled. Best for garnishing and flavoring; also attractive for edges of walks and beds. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 35 cts.; lb. \$1.35, postpaid. By express, \$1.25 per lb.

PLAIN OR SINGLE.—Stronger flavored than the curled; very hardy. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 35 cts.; lb. \$1.35, postpaid. By express, \$1.25 per lb.

Garden Peas

All varieties may be planted as late as August in this latitude to make a late crop to market after frost has killed the crops in northern sections. The varieties marked (*) are hardy and can be planted as late as September to come in during October or November. 5 cts. per packet, unless otherwise quoted.

	By express.		Postpaid	
	Qt.	Peck.	Bus.	Qt.
*Wood's Lightning Excelsior.....	.30	\$2.00	\$7.00	.45
*Prolific Early Market.....	.35	2.00	7.50	.50
*Philadelphia Extra Early.....	.30	1.80	6.75	.45
*First and Best.....	.30	1.90	7.00	.45
*Early May.....	.30	1.90	7.00	.45
*Alaska.....	.30	1.90	7.25	.45
*Tom Thumb, pkt. 10c.....	.40	2.25	8.00	.55
*Petit Pois or French Peas.....	.30	1.75	6.50	.45
Gradus or Prosperity, pkt. 10c.....	.50	3.25	12.00	.65
Thomas Laxton, pkt. 10c.....	.50	3.25	12.00	.65
Ameer, pkt. 10c.....	.40	2.50	9.00	.55
American Wonder, pkt. 10c.....	.40	2.75	10.50	.55
McLean's Little Gem, pkt. 10c.....	.35	2.50	8.50	.50
Wood's Acme, pkt. 10c.....	.40	2.75	10.00	.55
Bliss Everbearing, pkt. 10c.....	.35	2.25	8.00	.50
McLean's Advancer, pkt. 10c.....	.30	2.00	7.50	.45
Horsford's Market Garden, pkt 10c.....	.30	2.00	7.50	.45
Champion of England, pkt 10c.....	.35	2.25	8.00	.50
Dwarf Champion of England, pkt. 10c.....	.40	2.50	9.00	.55
Telephone, pkt. 10c.....	.45	3.00	10.50	.60
Dwarf Telephone, pkt. 10c.....	.50	3.00	10.50	.65

Marrowfat Peas —Hardier and more prolific than the extra early kinds, and if planted in November, December or January, will stand the winter and make their crop just after the extra earlies.

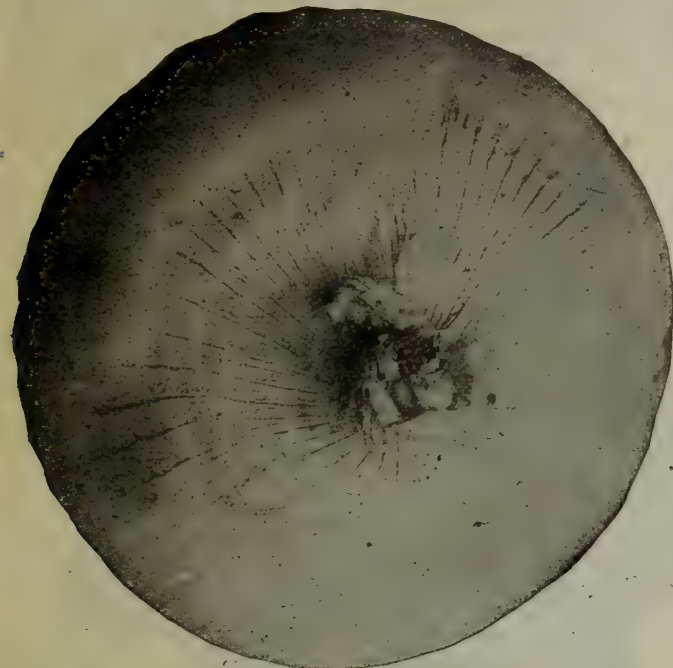
LARGE WHITE MARROWFAT.—Pkt. 5 cts.; qt. 40 cts., postpaid. By express, qt. 25 cts.; peck \$1.50; bushel \$5.25.

BLACK EYE MARROWFAT.—Pkt. 5 cts.; qt. 35 cts., postpaid. By express, qt. 20 cts.; peck \$1.40; bushel \$5.00.

Onion Seed for Fall Planting

Special prices quoted on large quantities

TO MAKE LARGE ONIONS FROM SEED.—Sow in seed-bed in August and September, and when the size of a goosequill transplant 4 inches apart in rows a foot apart. Don't fail to transplant; it is not unusual to double the yield by transplanting. One of our customers last year, the dryest season in many years, and from only half a stand made 182 bushels to the acre by following this method. He grew our Prizetaker. For fall sowing we recommend Extra Early White Pearl, Mammoth Silver King, Prize Taker, Copper King and the Bermudas. One ounce will sow 100 feet of drill; 5 to 6 lbs., will transplant one acre.



Extra Early White Pearl

Bermuda Onions, Genuine Teneriffe Grown Seed

The growing of Bermuda onions is one of the big agricultural industries of the South, and large profits are being made from them. The first necessity is good seed, and these can only be had from the Island of Teneriffe where the best Bermuda onion seed in the world are produced and where every ounce of our stock is grown and imported direct. We know of no better strain to be had anywhere. For best results sow half an inch deep in beds and transplant.

CRYSTAL WHITE WAX.—Large, flat pure white, very early and of extremely mild and sweet flavor. Pkt. 10 cts.; oz. 60 cts.; ¼ lb. \$1.75; lb. \$6.00, postpaid.

The Crystal Wax Onion seed I bought of you made the finest onions I ever raised, and they were the largest and best flavored onions raised in Leon county.—J. E. WHITEHEAD, Leon Co., Fla.

I want to tell you of the excellent results I had from your Crystal Wax Onion seed this past year, and I want to congratulate you on the excellent germination of same. I had much better results from your seed than from seed purchased from other seed houses.—G. W. VAUGHN, Dimmitt Co., Texas.

We had the finest success with Crystal Wax Onion.—MRS. M. E. PAGE, Baldwin Co., Ala.

WHITE BERMUDA.—Pkt. 10c.; oz. 45c.; ¼ lb. \$1.50; lb. \$5.00, postpaid.

RED BERMUDA.—Pkt. 10c.; oz. 35c.; ¼ lb. \$1.25; lb. \$4.00, postpaid.

If you want Bermuda Onion Seed this fall, order quickly before it is all sold. The seed crop was desperately poor.

American Varieties

SOUTHPORT WHITE GLOBE.—Skin and flesh silvery white. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 65 cts.; lb. \$2.35, postpaid. By express, lb. \$2.25.

SOUTHPORT RED GLOBE.—Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.50, postpaid. By express, lb. \$1.40.

SOUTHPORT YELLOW GLOBE.—Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.60, postpaid. By express, lb. \$1.50.

SILVER SKIN.—Excellent for family use. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.60, postpaid. By express, lb. \$1.50.

YELLOW GLOBE DANVERS.—Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.40, postpaid. By express, lb. \$1.30.

LARGE RED WETHERSFIELD.—Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.10, postpaid. By express, lb. \$1.00.

WHITE QUEEN.—For pickling. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.60, postpaid. By express, lb. \$1.50.

Spanish or Italian Onions

These are particularly well adapted for fall sowing for early spring market. Adopt the method described above and get some idea of the possibilities of onion growing in the South. They are milder and tenderer than the American varieties.

Prize Taker, or Spanish King.—Large and of particularly fine flavor like nearly all Spanish onions. The outside skin is a rich yellow straw color, the flesh pure white, sweet, mild and tender. Ripens up fine and hard; and makes a very handsome and attractive onion. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.40, postpaid. By express, lb. \$1.30; 5 lb. lots, \$1.25 per lb.

Prize Taker or Spanish King Onion is the finest onion I ever saw. They are tender, sweet, juicy, and grow very large.—J. E. SMITH, Craven Co., N. C.

Copper King.—Attains an enormous size, single onions having been grown weighing four pounds. The skin is a reddish color, flesh white; very sweet, mild and tender. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.40, postpaid. By express, lb. \$1.30; 5-lb. lots, \$1.25 per lb.

Extra Early White Pearl.—The quickest of the white sorts. Makes large, pearly white onions, tender, mild and of excellent flavor. Sow in the fall. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50, postpaid. By express, lb. \$1.40; 5 lb. lots, \$1.35 per lb.

Mammoth Silver King.—One of the earliest, and at the same time, one of the largest of the Italian onions, often growing 6 to 7 inches in diameter. The bulbs are of an attractive shape, flattened but thick. The skin is a clear silvery white; the flesh pure white, mild, sweet and tender. Reports indicate that this onion does well in every part of the country, adapting itself to a great variety of soils and climate. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.60, postpaid. By express \$1.50 per lb.

Onion Sets for Fall Planting

Culture.—All varieties may be set out in the fall. Plant 4 inches apart in rows 1 foot apart and about half an inch deep, but do not cover the sets entirely, except Potato Onions, which should be planted 9 inches apart in rows 15 inches apart and covered to the depth of an inch. Fall planting should be more generally practiced, as it has proved quite uniformly successful.

EXTRA EARLY WHITE PEARL.—One of the best and most profitable varieties for fall planting. Is extra early, pure white, mild and delicate flavor. They grow large and come in earlier than any other variety. Very popular in the trucking sections for early shipping. Qt., 30 cts., postpaid. By freight, qt., 20 cts.; pk., 90 cts.; bushel, \$2.75.

White Pearl Onion sets make more first-class onions than any I ever planted.—O. A. MCCORKLE, Richmond Co., Ga.

I planted your White Pearl Onions last fall. This spring I marketed the first salable onions on our market. They are far superior to anything I ever grew.—J. N. ZIGLAR, Forsyth Co., N. C.

SILVER SKIN.—Qt., 30 cts., postpaid. By freight, qt., 20 cts.; pk., 90 cts. Bushel prices on application.

YELLOW DANVERS.—Qt., 25 cts., postpaid; by freight, qt., 15 cts.; pk., 75 cts. Bushel prices on application.

YELLOW POTATO (Yellow Multiplier, or Hill Onion).—This makes a large-sized onion, of mild flavor and excellent quality. Is of a reddish yellow color and a good keeper. Never makes seed, but divides up from the root, one medium-sized onion often producing as many as twelve medium to small sets. The very smallest sets produce one or two large onions, the larger sets from two to twenty onions in a hill. A desirable variety both for market and home use, and very popular throughout the South. Small sets (about the size of a hulled walnut), qt. 30 cts., postpaid. By freight, qt. 20 cts.; pk., \$1.00; bus., \$3.50. Bushel price fluctuates. Medium Sets.—(About the size of an egg). Peck, 80 cts.; bus., \$3.00.

The Yellow Potato and White Pearl Onion Sets I got of you made the finest onions I ever saw.—REV. A. W. PITZER, D. D., Roanoke Co., Va.

WHITE MULTIPLIER.—This differs from the Yellow Potato Onion in color, being pure white and not as large, but is very productive and of finest flavor and a better keeper. Qt., 25 cts., postpaid. By freight, qt., 15 cts.; pk., 90 cts.; bus., \$3.00.

BERMUDA ONION SETS.—Grown from imported seeds. See description above.

WHITE BERMUDA.—Qt. 20 cts.; peck, \$1.00.

RED BERMUDA.—Qt. 20 cts.; peck, 90 cts.

Radish

To be tender and crisp, radishes must be grown quickly, and this requires rich soil and plenty of moisture. They do best in a light, rich, mellow well-worked soil. All varieties can be sown in the fall. Sow the winter varieties out-of-doors in August or September, pull up as wanted or store for later use. Sow other varieties in cold-frames so that they may be protected during severe weather. They may also be sown in hot-beds during the winter, coming in when other green vegetables are scarce.

Winter Varieties

Of slower growth than other radishes, but the flesh is firmer and they are better keepers. Sow during August and September and when freezing weather comes on take up and pack in sandy soil, either buried outside or in a damp, cool cellar, where they will keep all winter.

Rose China Winter—Roots cylindrical; color, bright rose; flesh white and of superior quality. Pkt. 3 cts.; oz. 8 cts.; ¼ lb. 15 cts.; lb. 50 cts., postpaid. By express, lb. 40 cts.

Long Black Spanish—One of the latest and hardiest. Oblong in shape, of large size. Pkt. 3 cts.; oz. 7 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, lb. 35 cts.

Long White Spanish—Flesh white, firm and pungent. Keeps as well as a turnip, 6 to 8 inches long. Pkt. 3 cts.; oz. 7 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

Chinese or Celestial—Always mild and crisp. Large; flesh and skin pure white. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts., postpaid. By express, lb. 60 cts.

OTHER WELL KNOWN RADISHES

See our Annual Catalog for descriptions

	By mail, postpaid				By Ex.
	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Crimson Giant	.05	.10	.20	.65	.55
Extra Early Scarlet Globe	.05	.10	.20	.55	.45
Extra Early White Tipped Scarlet	.03	.08	.15	.50	.40
Early Red or Scarlet Turnip	.03	.08	.15	.50	.40
Early White Turnip	.03	.08	.15	.50	.40
Golden Globe Summer	.03	.08	.15	.50	.40
Extra Early Scarlet Olive Shaped	.03	.08	.15	.50	.40
French Breakfast	.03	.08	.15	.50	.40
Mixed Turnip Radishes	.03	.08	.15	.50	.40
Chartier Long Scarlet	.03	.08	.15	.50	.40
Wood's Early Frame	.03	.08	.15	.50	.40
Brightest Long Scarlet	.03	.08	.15	.50	.40
Long White Icicle	.05	.10	.20	.60	.50
White Strasburg Summer	.03	.08	.15	.50	.40
Mixed Long Radishes	.03	.08	.15	.50	.40

Pepper

	Pkt.	Oz.	¼ lb.	Lb.	Lb.
Chinese Giant	.10	.30	.90	\$3.10	\$3.00
Ruby Giant	.10	.30	.90	3.10	3.00
Ruby King	.05	.20	.60	2.10	2.00
Bell or Bull Nose	.05	.20	.60	1.85	1.75
Neapolitan	.05	.20	.65	2.35	2.25
Sweet Spanish Mammoth	.05	.20	.60	2.10	2.00
Mammoth Golden Queen	.05	.20	.60	2.10	2.00
Long Red Cayenne	.05	.20	.60	2.10	2.00
Red Cluster	.05	.20	.60	2.10	2.00

Tomato

	Pkt.	Oz.	¼ lb.	Lb.	Lb.
June Pink	.05	.20	.60	\$2.00	\$1.90
Spark's Earliana	.05	.20	.60	2.00	1.90
Nolte's Earliest	.05	.20	.60	2.00	1.90
Wood's First Early	.05	.25	.75	2.50	2.40
Fordhook First	.05	.20	.60	2.00	1.90
Chalk's Jewel	.05	.20	.60	2.00	1.90
Bonnie Best	.05	.30	.90	3.10	3.00
Early Acme	.03	.15	.50	1.60	1.50
Beauty (our improved strain)	.05	.15	.50	1.60	1.50
Favorite	.03	.15	.45	1.60	1.50
Perfection	.03	.15	.45	1.60	1.50
Paragon	.03	.15	.45	1.60	1.50
Wood's Improved Trophy	.05	.20	.60	2.00	1.90
Livingston's Globe	.05	.25	.80	2.85	2.75
Success	.05	.20	.60	2.00	1.90
Wood's Improved Ponderosa	.10	.35	1.00	3.60	3.50
Matchless	.05	.15	.60	2.10	2.00
Royal Red	.03	.15	.45	1.50	1.40
Stone	.03	.15	.50	1.60	1.50
Dwarf Stone	.05	.20	.60	2.10	2.00
Dwarf Champion	.05	.20	.60	2.10	2.00
Livingston's Coreless	.05	.25	.75	2.75	2.65
Golden Queen or Yellow Trophy	.05	.20	.60	2.00	1.90

Rhubarb Roots—In November set out 4 feet apart in rich soil in a shaded place, using plenty of stable manure. Keep the ground loose and mulch with straw or leaves so as to retain the moisture. Protect with manure during winter. By mail postpaid 15 cts. each; 4 for 50 cts. By express, 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

Spinach

Spinach is most tender and succulent when grown on rich soil, making a salad much preferred to kale and turnip salad, and usually brings much higher prices. For fall use sow in August or September. For winter or spring use, sow from the end of September through October. Sow one inch deep, in drills 12 to 15 inches apart. Requires but little cultivation. One ounce will sow 100 feet of drill; 12 to 15 lbs., one acre.



Long Season Spinach

Norfolk Savoy or Bloomsdale—The earliest variety and the best for fall sowing for use during the winter and spring. Grows upright with thick dark green leaves, curled like the leaves of a Savoy cabbage. Very hardy and grows rapidly. Oz. 5 cts.; ¼ lb. 10 cts.; lb. 30 cts., postpaid. By express, lb. 20 cts.; 5 lbs. and over at 17 cts. per lb.; 50 lbs. and over, 15 cts. per lb.

LONG STANDING—An improved strain of excellent quality for both spring and fall sowing. After reaching maturity it remains in condition for use longer than most kinds. Leaves comparatively smooth and very dark rich green. Oz. 5 cts.; ¼ lb. 10 cts.; lb. 30 cts., postpaid. By express, lb. 20 cts.; 5 lbs. and over at 17 cts. lb.; 50 lbs. and over, 15 cts. per lb.

LONG SEASON—A splendid new spinach, forming a rosette of intense dark green, thick, tender, succulent, crumpled leaves, which remain fresh long after cutting. No other variety will stand so long without running to seed. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 35 cts. postpaid. By express, lb. 25 cts.; 5 lbs. and over, 20 cts. per lb.

ROUND THICK LEAVED—Grows very rapidly, making a cluster of thick, dark green, slightly wrinkled leaves of the finest quality. Oz. 5 cts.; ¼ lb. 10 cts.; lb. 30 cts., postpaid. By express, lb. 20 cts.; 5 lbs. and over, 17 cts. per lb.; 50 lbs. and over, 15 cts. per lb.

VEGETABLE PLANTS

We supply all kinds of vegetable plants in their proper seasons. Will have late cabbage, cauliflower and celery up to September 15th; lettuce, early cauliflower and early cabbage for fall setting during October and November. Whenever we cannot supply the varieties ordered, we will send a variety closely resembling it as possible.

LATE CABBAGE—By express, 25 cts. per 100; \$2.00 per 1,000. By mail, postage paid, 40 cts. per 100.

EARLY CABBAGE—By express, 30 cts. per 100; \$2.50 per 1,000. By mail, postage paid, 45 cts. per 100.

CAULIFLOWER—By express, 50 cts. per 100; \$4.00 per 1,000. By mail, postage paid, 65 cts. per 100.

CELERY—By express, 35 cts. per 100; \$3.00 per 1,000. By mail, postage paid, 40 cts. per 100.

LETTUCE—By express, 25 cts. per 100; \$2.00 per 1,000. By mail, postage paid, 40 cts. per 100.

THYME } 15 cts. each, postpaid. By express, 10 cts. each; 75 cts. per dozen.
SAGE }



Early Red or Purple Top
Strapleaf Turnip

least a week earlier than any other; have small tops so that the rows can be planted close together. The flesh is clear ivory white; the skin is perfectly smooth. They are without an equal for the table, being of the most delicate flavor. Medium size, flat shape.

EXTRA EARLY PURPLE-TOP MILAN.—The earliest of all turnips. The roots are clean, smooth, flat and handsome. The flesh is pure white, tender and sweet. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts., postpaid. By express, 80 cts. per lb.

EXTRA EARLY WHITE MILAN.—Similar to the above, except that it is white all over. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid. By express, 90 cts. per lb.

EARLY RED or PURPLE-TOP (flat strapleaved).—Flat; white with purple top; fine-grained and tender. The most popular of all varieties and the best seller. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

EARLY WHITE FLAT DUTCH.—Exactly like Early Red or Purple Top, except that it is pure white. One of the best for the family garden; sweet and tender. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

EARLY STRAPLEAF WHITE GLOBE.—The earliest white globe variety. Similar to Red Top White Globe, except that it is pure white. Quality and flavor excellent. Oz. 5 cts.; ¼ lb. 20 cts.; lb. 50 cts., postpaid. By express, 40 cts. per lb.

MAMMOTH RED-TOP WHITE GLOBE.—Makes large globe-shaped roots, white with purple tops. A big yielder; fine for table, market and stock feeding. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.



Wood's Improved Red-Top
Globe Turnip

WHITE EGG.—A quick-growing, egg-shaped, smooth, pure white variety with small tops. Flesh sweet, firm and mild. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 50 cts., postpaid. By express, 40 cts. per lb.

LARGE WHITE NORFOLK GLOBE.—Makes large, round white roots, excellent for table or stock; also quite largely used for winter salad. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

POMERANIAN WHITE GLOBE.—Extra large, round, white; fine for table and stock; a big yielder. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

Turnip and Rutabaga

CULTURE.—Sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches, and roll the ground after sowing. Rutabagas should be sown in July and early in August, and earthed up as they grow. The early turnips may also be sown in the spring. Sow 1½ pounds to the acre in drills, 2 pounds broadcast; salad turnips require three pounds per acre.

To keep for Winter, store the roots in a cool cellar and cover with sand to keep them fresh, or they may be put into pits or kilns outside. Select a well-drained situation on which to pile the turnips, cover them with a few inches of straw and then sufficient earth to keep out frost. Thus protected, they will keep far into the winter.

White Fleshed Varieties

EXTRA EARLY MILAN TURNIPS.—The Milans leave nothing to be desired in the way of an extra early garden turnip. They are the earliest varieties grown, at

WHITE SWEET GERMAN.—Fine for table and stock; flesh hard, firm and sweet; a good keeper. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

LARGE WHITE GLOBE.—One of the biggest yielders; solid and firm. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

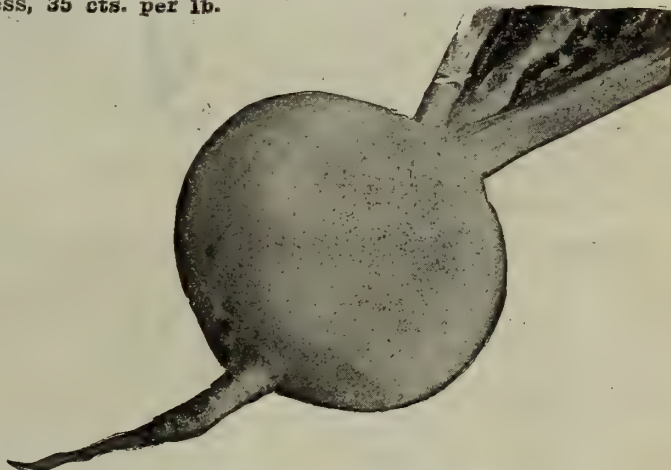
SOUTHERN SNOW WHITE GLOBE.—A very superior large white, round turnip. Flesh firm and solid. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

Yellow Fleshed Varieties

PURPLE-TOP YELLOW ABERDEEN.—A splendid keeper. Flesh is yellow, very solid, tender and sweet. Hardy and a good yielder; fine-stock turnip. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

LARGE AMBER, or YELLOW GLOBE.—Of large size, globe-shaped, solid yellow flesh. Fine for table and stock; a fine keeper. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

GOLDEN BALL or ORANGE JELLY.—One of the sweetest and best yellow turnips; hardy; flesh is firm and of most excellent flavor. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.



Early Strapleaf White Globe Turnip

Salad Varieties

SOUTHERN PRIZE or DIXIE.—Makes white turnips in addition to salad; hardy and needs no protection; the most popular turnip grown for winter and spring salad. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 50 cts., postpaid. By express, 40 cts. per lb.

SEVEN TOP.—A very hardy variety grown exclusively for salad. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

Rutabaga or Swede

Culture.—Sow in July, or early in August, in drills; thin out and keep clear of weeds. See under head of turnip culture for directions for storing for winter.

WOOD'S IMPROVED PURPLE-TOP YELLOW.—An improved strain of the finest yellow-fleshed rutabaga grown from roots selected for large size, uniformity in shape and fine quality. Hardy, sweet, a good keeper and the best shaped and most productive. Oz. 5 cts.; ¼ lb. 20 cts.; lb. 50 cts., postpaid. By express, 40 cts. per lb.

PURPLE-TOP YELLOW.—The old standard variety; largely grown for table and stock. A large yielder, good keeper; hardy, sweet and solid. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

LARGE WHITE or RUSSIAN.—The flesh is white, firm and sweet. Grows large; fine for table and stock. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 45 cts., postpaid. By express, 35 cts. per lb.

BREADSTONE or BUDLONG.—Makes handsome medium-sized roots of superior table quality. Oz. 5 cts.; ¼ lb. 15 cts.; lb. 50 cts., postpaid. By express, 40 cts. per lb.

Insecticides, Sprayers and Tools

Poisons Cannot Be Sent By Mail

\$50,000,000 worth of fruits and vegetables are destroyed by bugs and insects every year. How much do you contribute to their support? :

There is no question about the necessity of spraying, and there is certainly no question about the profit. Sprayed crops produce 15 to 25 per cent. more, make fruits and vegetables that sell at higher prices, and quite often spraying saves the crop from almost total loss. Bugs, beetles, worms and insects must be fought; fungus diseases must be combatted. All this can only be done by using the best spraying mixtures and with good tools for spraying. A "spray bulletin" can be had from your State experiment station, or Commissioner of Agriculture, for the asking. Get one, follow directions, and note not only the better fruits and vegetables, but the largely increased yield.

Lime - Sulphur (For San Jose Scale).—No better remedy has been found to combat this pest that is killing thousands of valuable fruit-trees. You can make it at home, but it is a thoroughly disagreeable job, and the home-made mixture must be applied hot. Our mixture is highly concentrated and is ready by simply adding water; no boiling. **For summer spraying**, dilute 1½ gallons Lime-Sulphur to 50 gallons of water, except for stone fruits, on which use ½-gallon Lime-Sulphur to 50 gallons of water. **For Winter Spraying**, use 1 gallon Lime-Sulphur to 11 gallons of water. Use this strength after the leaves have fallen in the fall and before the buds open in the spring. To make a combined fungicide and insecticide, add 2½ to 3 lbs. Arsenate of Lead to each 50 gallons of dilute solution. **Qt. 25 cts.; 2 qts. 45 cts.; gallon, 75 cts.; 5 gallons, \$2.25; 10 gallons, \$4.00; 25 gallons, \$8.00; 50-gallon barrel, \$12.50.**

Bordeaux Mixture—This mixture not only prevents blight, scab, rust, mildew, black-rot, and all fungus diseases of plants and fruits, but improves the quality and largely increases the yield. It should be used on all vine-crops—grapes, cucumbers, melons, tomatoes, etc. Potatoes especially respond generously to thorough spraying. To make a combined fungicide and insecticide, add a pound of Paris Green, or two pounds of Arsenate of Lead, to 150 gallons of the diluted mixture. Our mixture is ready for use by simply adding water, and works freely in the sprayer without clogging. **One gallon makes 50 gallons of spray mixture. Quart 30 cts.; 2 quarts 50 cts.; gallon, 80 cts.; 5 gallons, \$3.75; 10 gallons, \$7.00; 25 gallons, \$15.00; 50 gallons, \$25.00.**



Paris Green—For Leaf-eating Insects. It is a strong poison and should be used with care. Mix one pound of Paris green to 50 pounds of plaster, or with water to 150 gallons. On vines and tender vegetables use a larger proportion of plaster or water. **¼-lb. 10 cts.; ½-lb. 15 cts.; lb. 25 cts.; 5 lbs. for \$1.15.** Special price on large lots.

Arsenate of Lead—For Leaf-eating Insects. Sticks to the leaf better than Paris green and remains longer in suspension; requires fewer applications; does not burn the leaf, thus allowing stronger solutions; white in color and shows just where it has been applied. These advantages make it preferred to Paris Green for destroying leaf-eating insects. Use 2 to 3 lbs. to 50 gallons of water for general spraying. **Per lb., 20 cts.; 5 lbs., 90 cts.; 12½ lbs., \$2.00; 25 lbs., \$3.75; 50 lbs., \$6.50; 100 lbs., \$12.00.**

Kerosene Emulsion—For Sucking Insects. A safe and sure remedy for squash-bugs, plant and bark-lice, San Jose scale, caterpillars, rose-bugs, green-fly, melon and pea louse, and all sucking insects. Ours is a perfect emulsion and will not separate. It is in concentrated form—add 25 to 50 gallons of water to one gallon of emulsion and it is ready for use. Spray before the blossom buds open and again after the blossoms fall. The second spraying should have Paris green mixed with it to kill leaf-lice, aphides and insects. **Qt. 30 cts.; 2 qts. 50 cts.; gallon, 80 cts.; 5 gallons, \$3.50.**



Whale Oil Soap

Effectually destroys the mealy-bug and nearly all lice on indoor plants and scale on palms. Recommended for San Jose scale and insects that infest the bark of trees. **Lb. 15 cts.; 2 lbs. 25 cts.; 5 lbs. 50 cts.**

Slug Shot—Destroys insects and worms on garden and house plants, potatoes, cabbage, shrubs, trees, vegetables and fruits. Positively not poisonous, and will not injure the foliage. May be applied dry or in water. **5-lb. packages, 30 cts.; 10-lb. packages, 50 cts.; 100 lbs., \$4.50.** Small dusters for applying, 10 cts.; large canisters, 50 cts.

Bug Death—Kills potato, squash and cucumber bugs, tomato, currant and gooseberry worms, and all pests that eat the leaves of vines and plants. May be applied dry, in water or in Bordeaux Mixture. Trials have proved that where used, the yield and quality are greatly improved. **Pound, 15 cts.; 3-lb. package, 35 cts.; 5-lb. package, 50 cts.; 12½ lb. package, \$1.00; 100 lbs., \$7.50.** Use 12½ to 25 pounds per application to the acre. Write for circulars.

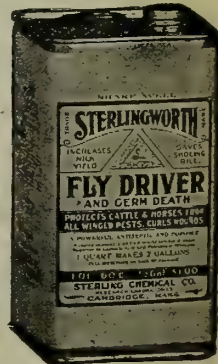
Tobacco Dust—One of the cheapest and most effective remedies for lice and worms on cabbage, striped bugs and other insects on melons, cucumbers and squashes; a splendid preventive for strawberry weevil; fine for dusting on seed-beds to protect the young plants, as well as fertilizing and stimulating the growth. Should be used when setting out fruit trees, keeping off insects and prevent hatching at the roots. On some crops the addition of a small quantity of kerosene oil will increase its effectiveness. **10-lb. bag, 30 cts.; 25-lb. bag, 60 cts.; 100 lbs., \$1.75; 1,000 lbs., \$16.00.**

Sulphur—For making Lime-Sulphur Spray. **Lb. 9 cts.; 10 lbs. and over, 5 cts. per lb.** Special prices on large lots.

Copper Sulphate—Blue Stone or Blue Vitrol.—Used for early spraying and in making Bordeaux Mixture. Use 5 lbs. copper sulphate and 5 lbs. unslacked lime to 50 gallons of water. Will keep indefinitely. Special prices quoted on large quantities. **Price, by express, lb. 12 cts.; 5 lbs. 50 cts.; 10 lbs. 90 cts.; 25 lbs. for \$2.00.**

Sterlingworth Fly Driver

A real cattle comfort. A cow that is tortured and worried with insect bites is never a good milker. Improve the comfort, temper, and disposition of your cows, and you will improve the quality of the milk. Sterlingworth Fly Driver is a scientific combination of vegetable oils, which mixes readily with water, does not gum the animal's coat, and may be used on both horses and cattle. It is highly concentrated—one quart making 2 gallons by adding water, bringing the cost per gallon down to 30 cts. per gallon, as compared with 50 and 60 cts. for other mixtures not nearly so effective. **Per qt. 60 cts.; 2 qts. \$1.00.**



Thymo Cresol—A cold water dip. Rapidly fatal to all insect pests which infest domestic animals, but positively harmless to the skin. Heals eruptions and cuts, and promotes new growth of fine hair and wool. A perfect sheep dip and splendid disinfectant. Invaluable for dog kennels, poultry houses, etc. **By express, small bottles, 20 cts.; large bottles, 35 cts.; quart, 65 cts.; 2 qts. \$1.00; gallon, \$1.75.**

KILLS

**Sulpho-
Tobacco
Soap.**

INSECTS

A wonderful insecticide and fertilizer for both flowers and vegetables. Never fails to quickly exterminate all insects. Excellent for preventing mildew and lice on roses, and helps to grow healthy plants and beautiful flowers. Absolutely safe to handle. Full directions with each cake. **3-oz. cake, 10 cts.; 8-oz. cake, 25 cts. postpaid.** A 3-oz. cake makes 1½ gallons of solution; an 8-oz. cake makes 4 gallons.

Lemon Oil Insecticide—The best remedy for insects on the roots and leaves of house-plants, destroying green-fly, red spider, scale, mealy bug, mildew, rust, aphids, caterpillar, etc., on palms, roses, rubber plants, ferns, etc. Non-poisonous and odorless. Destroys lice and insects on poultry and animals; recommended for mange. Directions on each can. **By express, ½-pint, 25 cts.; pint, 40 cts.; quart, 75 cts.; ½-gallon, \$1.25; gallon, \$2.00.**

Lang's Hand Weeder—The handiest weeder for the flower and vegetable garden. An adjustable strap runs across the back of the hand, leaving the fingers free. Light, strong, and well made; it will last for years. **By mail, postpaid, 30 cts. By express, 25 cts.**

Scollay Plant Sprinkler—Fine for house plants. **By mail, postpaid, \$1.10. By express \$1.00.**

Raffia—For tying up vegetable bunches, tomato plants, grape vines, etc. **Lb. 20 cts.; 5 lbs. 85 cts.; 10 lbs. \$1.50.**

Jute String—Used for the same purposes as Raffia. **Lb. 15 cts.; 5 lbs. and over, 12 cts per lb.**

Compressed Air Sprayer—A self-operating, strong, durable, high-pressure sprayer; easy to carry and easy to work. It will handle water-paint, white-wash, Bordeaux Mixture, Paris Green Arsenate of Lead and other spraying materials. May be charged by a few strokes of the plunger and two pumpings will usually discharge the entire contents of the tank. Capacity, 3¾ gallons; automatic shut off nozzle; valves all metal. Do not use galvanized tank for Bordeaux mixture and lime-sulphur. Galvanized Iron Tank \$5.00; Brass Tank, \$7.00.

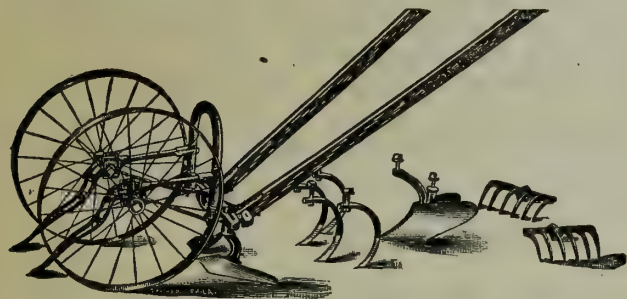


Compressed Air Sprayer

Bucket Spray Pump

Excepting the foot rest and handle, all parts are made of brass, preventing damage from spraying solutions. The air chamber space is large, insuring an even pressure; the valves are of ample size. These pumps are excellent for whitewashing and disinfecting stables and poultry-houses; for washing windows and buggies; putting out fires and various other services, in addition to the regular work of spraying. Each pump is fitted with a Bordeaux nozzle, which may be set to throw anything from solid stream to a fine mist, or may be shut off entirely. Price, \$3.00. 4-ft. extension pipe, 30 cts. extra.

Hand Sprayer—Very useful in small gardens, greenhouses, for spraying house-plants, for applying insecticides and disinfectants in poultry houses, etc., applying liquids in a fine mist with no waste; does splendid work. Price, by express or freight 50 cts.; brass tank \$1.00.



Iron Age No. 1. Double Wheel Hoe, Cultivator, Plow and Rake.

Seed Drills and Garden Tools

Every gardener will find the Iron Age and Planet Jr. hand garden tools of the greatest use. After a short experience you will wonder how you managed without them. Not only are they time and labor savers, but they do the work so much better than is possible under the old method.

We have used these tools ourselves for years and can personally recommend them in the strongest terms. No matter whether your garden is small or large, you should have either Iron Age or Planet Jr. tools—they are both good and do the same work; in fact, nearly all the work in the garden, from breaking the ground and sowing the seed, to the last working.

Write us for complete catalog—you will find it interesting—Mailed free.

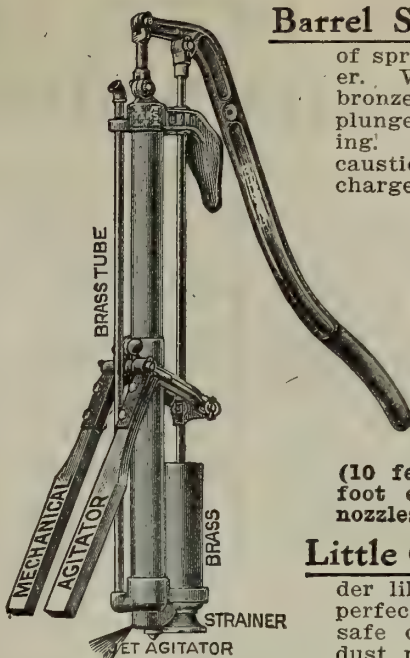
Iron Age Hand Tools

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| No. 16. Hill Dropper and Drill Seeder.—Sows in a continuous row or in hills, 4, 6, 8, 12 or 24 inches apart..... | \$ 8.50 |
| No. 6. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator, Rake and Plow.—Drill is like No. 16; the attachments supply all the tools necessary in the garden..... | 12.00 |
| No. 15. Combined Hill and Drill Seeder and Single Wheel Hoe, Cultivator, Rake and Plow.—Like No. 6, but has only one wheel..... | 11.00 |
| No. 1. Double Wheel Hoe, Cultivator, Rake and Plow.—Like No. 6, but without seed drill attachment, which may be added at any time..... | 7.00 |
| No. 9. Single Wheel Hoe, Cultivator, Rake and Plow.—Same attachments as No. 1, but has one wheel..... | 5.25 |
| No. 19C. Wheel Plow and Cultivator.—Fitted with plow, scuffle-hoe and cultivator teeth. Has 24-inch wheel..... | 3.50 |
| No. 11. Wheel Plow.—Will plow 3 to 4 inches deep, 4 to 6 inches wide..... | 2.50 |

Planet Jr. Hand Tools

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| No. 3. Hill and Drill Seeder.—Sows in hills, 4, 6, 8, 12 or 24 inches apart, or in a continuous row..... | \$10.00 |
| No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.—Similar to No. 3, but has attachments for cultivating, etc.,..... | 10.50 |

Barrel Spray Pump Every one who does any amount of spraying should have a barrel sprayer. We offer a splendid pump with bronze valves and brass seats. The plunger is brass, fitted with hemp packing. It will handle hot, cold or any caustic mixture. The cylinder and discharge pipes are all brass. The air chamber is 30 inches long, enabling the pump to throw a constant and uniform spray. It has good leverage, is very powerful and easily operated.



Barrel Sprayer

Outfit A.—Pump with mechanical agitator, 10 feet of hose, 8-foot extension pipe and Bordeaux nozzle, \$10.00.

Outfit B.—Pump with mechanical agitator, 2 leads of hose (10 feet each), Y connection, 2 eight-foot extension pipes and 2 Bordeaux nozzles, \$12.00.

Little Giant Duster

—Distributes any dry powder like Slug Shot and Paris Green to perfection. It keeps the poison at a safe distance from the operator; will dust potato vines as fast as you can walk, two rows at a time. The best appliance for tobacco-growers. By turning a handle a fan is rapidly revolved, distributing the insecticide uniformly to all parts of the plant and on both sides of the leaf. Dusts two rows at once. Price, \$6.50.

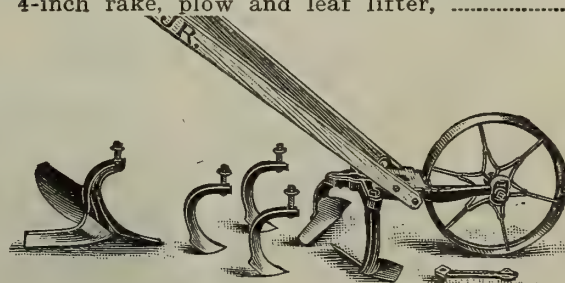
Nozzles—**BORDEAUX NOZZLES**—Throws a solid stream or a fine mist, or may be shut off entirely. 75 cts. each; by mail, postpaid, 80 cts.

VERMOREL NOZZLE.—Made with spring degorger for removing obstructions; we furnish separate caps for fine and coarse spraying. 75 cts. each; by mail, postpaid, 80 cts.

RUBBER HOSE.—¾-inch (for bucket pump) 12 cts. per foot; ½-inch (for barrel and compressed-air sprayers), 15 cts. per foot.

CLAMPS for attaching hose, ¾ and ½-inch sizes, 5 cts. each.

COUPLINGS, male and female, 10 cts. each; by mail, 12 cts.



Planet Jr. No. 17. Single Wheel Hoe, Cultivator and Plow.

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| No. 17. Single Wheel Hoe.—Similar to No. 16, but without rakes..... | 4.50 |
| Firefly Garden Plow. —Throws a furrow 4 to 6 inches wide, 3 to 4 inches deep..... | 2.25 |

WOOD'S POULTRY FOODS AND SUPPLIES

Special Poultry
Supply Catalog
Mailed on request

WOOD'S POULTRY GRAIN FOOD.—This mixture contains every thing which is needed for the grown fowls—wheat, barley, oats, cracked corn, kaffir corn, ground bone and oyster shell, making a complete food, specially recommended for poultry and laying nens at all seasons. Price: 25 lbs. 60 cts.; 50 lbs. \$1.10; 100 lbs. \$2.00.

HOLLYBROOK CHICK FOOD.—A complete, scientifically compounded food for young chicks. Prepared so as to fully nourish and sustain the young chicks from the time of hatching until they are fully developed. Price, 50-lb. bag, \$1.20; 100 lb. bag, \$2.30; 500 lbs. \$2.25 per 100 lbs.

CYPHER'S CHICK FOOD.—Price, 50-lb. bag, \$1.25; 100-lb. bag, \$2.30.

HOLLYBROOK FORCING FOOD.—This food is especially prepared for forcing growth, so as to produce early broilers and roasters. Price, 50-lb. bag, \$1.15; 100-lbs. \$2.20.

CYPHER'S FORCING FOOD.—Price, 50-lb. bag, \$1.15; 100-lb. bag, \$2.20.

HOLLYBROOK SCRATCHING FOOD.—This mixture contains a large assortment of cracked and small grains to be used as an exercise food, scattered in the pens to make the hens work for what they get. Price, 50-lb. bag, \$1.10; 100-lb. bag, \$2.15; 500-lb. lots, \$2.10 per 100 lbs.

CYPHER'S SCRATCHING FOOD.—Price, 50-lb. bag, \$1.15; 100-lb. bag, \$2.25.

HOLLYBROOK LAYING FOOD is a good balanced ration from which to make the morning mash, containing all the elements necessary for egg-production and will give most satisfactory results. Price, 50-lb. bag, \$1.15; 100-lb. bag, \$2.20.

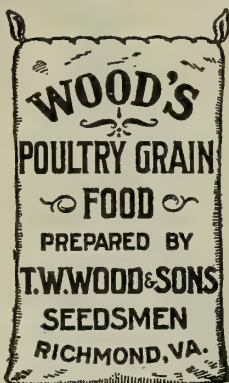
CYPHER'S LAYING FOOD.—Price, 50-lb. bag, \$1.20; 100-lb. bag, \$2.25.

HOLLYBROOK DEVELOPING FOOD.—This is a special food intended for properly maturing the young chicks after they are ready to be weaned from chick food. Price, 50-lb.-bag, \$1.10; 100-lb. bag, \$2.20.

CYPHER'S DEVELOPING FOOD.—Price, 50-lb. bag, \$1.10; 100-lb. bag, \$2.20.

HOLLYBROOK PIGEON MIXTURE.—An ideal mixture of Canada Field Peas, cracked corn, wheat, hemp and other grains especially prepared for pigeons. Price, 10 lbs., 40 cts.; 25 lbs., 65 cts.; 50 lbs. \$1.20; 100 lbs., \$2.25; 500-lb. lots, \$2.20 per 100.

WHEAT FOR POULTRY.—Price, 50-lb. bag, \$1.05; 100-lb. bag, \$2.00; in 5-bag lots, per 100 lbs. \$1.95.



PIN HEAD OATS.—This steel-cut oat is of a very high nutritive value. It is easily digested and very valuable as a bone and muscle maker for young chicks. The oat is first hulled and then cut to a desirable size for feeding. Price, 10-lb. bag, 40 cts.; 25-lb. bag, 90 cts.; 50-lb. bag, \$1.75; 100-lb. bag, \$3.25.

GREEN CUT or MEALED ALFALFA is one of the best green foods for winter use. For winter egg production it is absolutely necessary that green food should be fed. Price, 50-lb. bag, \$1.00; 100-lb. bag, \$1.80; 500-lb. lots, \$1.75 per 100.

BLOOD MEAL.—If you want eggs in the winter and early spring, when they sell at the highest prices, you must feed animal food. For this purpose, Blood Meal is unexcelled as an egg producer. Pure Blood Meal fed to your poultry will make your hens lay, your chicks grow fast and keep your fowls healthy. Should be mixed with corn meal, bran or wet food. Price, 10-lb. bag, 45 cts.; 25-lb. bag, \$1.10; 50-lb. bag, \$2.00; 100-lb. bag, \$3.75.

FINE BONE MEAL.—Excellent to aid in increasing egg production, and a splendid feed for your chicks. Should be fed as a mash, mixed with corn meal or bran. Fed on alternate days with beef scraps, blood or meat meal, will give the very best results. Price, 10 lbs. 35 cts.; 50 lbs. \$1.35; 100 lbs. \$2.50.

GRANULATED BONE supplies the lime for shell and other ingredients necessary in the composition of eggs. It is crushed to the size of cracked corn, and should be kept scattered about your poultry yards. Prices, 10 lbs., 35 cts.; 50 lbs., \$1.30; 100 lbs., \$2.40.

DARLING'S BEEF SCRAPS.—For success with poultry, it is absolutely necessary to give them plenty of animal food in the winter, to take the place of insects, etc., which they get during the summer. For this purpose beef scraps are one of the best foods that can be used. Feed mixed with meal or bran, at the rate of one-fourth pound of beef scraps per day to a dozen hens. We guarantee the purity of our beef scraps. No pork or fat is used to add weight. It analyses 65 per cent. protein. 5 lbs., 25 cts.; 25 lbs., 90 cts.; 50-lbs., \$1.60; 100 lbs., \$3.00; 500 lb. lots, \$2.90 per 100.

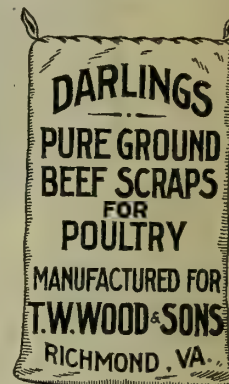
LINSEED MEAL.—Price, 100-lb. bag, \$2.25.

WINTER WHEAT BRAN.—Price, 100-lb. bag, \$1.70; 500-lb. lots \$1.65 per 100.

SHIP STUFF.—Price, 100-lb. bag, \$1.65.

WHITE FIELD PEAS FOR POULTRY.—Price, per bus. 60 lbs.; \$2.00.

CRACKED CORN.—Price, per bus. 50 lbs., \$1.00; per 100-lbs., \$1.90.



OYSTER SHELLS, GRIT AND CHARCOAL

Granite Poultry Grit This grit is prepared especially for poultry, and contains perfect material for grinding. Grit is the chicken's teeth; that is why poultry are constantly picking up sharp stones, sand and other gritty substances. Granite Poultry Grit is put up in one grade only; this contains all three sizes, from the smallest chick size to the largest chicken size, thus enabling the chickens to pick out just what they want. Price, 5 lbs., 10 cts.; 15 lbs., 20 cts.; 50 lbs., 40 cts.; 100 lbs., 65 cts.; 500-lb. lots, 60 cts. per 100. Samples mailed on request. Special prices by the ton.

Crushed Oyster Shells Splendid for poultry to help the formation of egg-shells and keep fowls healthy. Use it freely. Feed alone. Price, 15 lbs. 25 cts.; 50 lbs. 40 cts.; 100 lbs., 60 cts.

Mica Spar Crystal Grit One of the sharpest and hardest grits known. It is absolutely necessary for fowls to have grit in order to keep them healthy and free from cholera, etc., and their kindred diseases. Price, 5 lbs., 15 cts.; 25 lbs., 35 cts.; 50 lbs., 50 cts.; 100 lbs., 75 cts. Special prices by the ton.

Charcoal—No poultryman can afford to be without charcoal, and a little of it goes a long way. It aids digestion and promotes the health of the poultry at all ages. It is prepared in three grades: Grade A (fine) for use in mash mixture; Grade B (medium granulated) for small chicks and Grade C (coarse) for green fowls. Price, put up in 2-lb. carton, 10 cts.; 10 lbs. 40 cts.; 50 lbs. \$1.00.

EGG PRODUCERS AND CONDITION POWDERS

STERLING EGG MAKER is an excellent preparation for increasing the yield of eggs and also a standard condition powder for all ages of poultry, putting and keeping your poultry in a healthy, thrifty condition. Price, 2½ lb. package, 25 cts.; by mail, 70 cts.

FULL-NEST EGG FOOD.—An excellent preparation for increasing the yield of eggs and building up the fowl's system. Price 42-oz. pkg., 25 cts.; by mail, 70 cts.

RUST'S EGG PRODUCER.—One of the best and most satisfactory egg producers for feeding to poultry to increase egg production. 1-lb. pkg. 25 cts., by mail, 44 cts.; 6-lb. pkg., \$1.00; 10-lb. pkg. \$1.50.



CONKEY'S EGG PRODUCER AND LAYING TONIC.—A standard preparation for increasing egg production and keeping up the fowl's strength. 1½-lb. pkg. 25 cts.; by mail, 50 cts.; 3½-lb. pkg. 50 cts.; by mail, \$1.00; 7-lb. pkg. \$1.00, by express; 25-lb. pail, \$3.00.

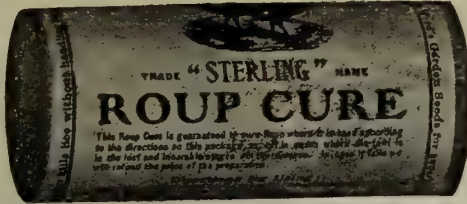
RUST'S HAVEN'S CLIMAX CONDITION POWDERS.—A first-class preparation for poultry and cattle. A splendid preventive and cure for cholera and other poultry diseases; it tones up the system and greatly improves the plumage after the trying moulting season. It is also a good medicine for hogs, cattle and horses, and gives splendid satisfaction to our customers who use it. 13-oz. box, 25 cts.; if by mail, 40 cts.; 32-oz. box, 50 cts.; if by mail, 85 cts.; 5-lb. box, \$1.00; 8-lb. box, \$1.50.

Conkey's Poultry Tonic A remedy especially valuable for fowls run down, off feed, recovering from disease, and during the moulting season. Price, 25 cts.; postpaid, 30 cts.

Poultry Remedies

Sterling Roup

Cure is a reliable remedy for roup, catarrh and colds. It is simply put in the fowl's drinking water and the fowls take their own medicine. Small size, 25 cts.; postpaid, 30 cts., making 25 gallons of medicine. large size package, 50 cts., postpaid, 60 cts.; makes 75 gallons of medicine.



CONKEY'S ROUP CURE.—An excellent preparation for roup, etc. Small size package, 25 cts.; medium size package, 50 cts.; large size package, \$1.00, postpaid.

CYPHERS ROUP CURE.—Small size, 50 cts.; large size, \$1.00, postpaid.

RUST'S HAVEN'S ROUP PILLS.—Box of 50 pills, 25 cts.; box of 112 pills, 50 cts.; box of 250 pills, \$1.00.

RUST'S SOLUBLE ROUP CURE.—4 oz. pkg. 25 cts.; 9-oz. pkg. 50 cts.; 20-oz. pkg. \$1.00.

Sterling Cholera Cure the best possible remedy for cholera in all its stages. Price postpaid, 50 cts.

CONKEY'S CHOLERA CURE.—Price, postpaid, 50 cts.

Microzone A wonderful remedy for the prevention and cure of roup, cholera, bowel complaint, sore head, etc. Put up in both liquid and tablet form; 50 cts. per pkg., postpaid, or 12-oz. bottle by express, 50 cts.

Hackett's Gape Cure An excellent remedy for this deadly disease. It is not given internally but simply dusted over the chicks and they inhale the dust, which kills the worms and germ. Price, 25 cts., by mail, 35 cts.

CONKEY'S GAPE CURE.—A splendid remedy for this deadly disease. Price, 50 cts.; postpaid, 65 cts.

Sterlingworth Diarrhoea Remedy A certain an remedy for bowel trouble and white diarrhoea in young chick and scours in fowls and pigeons. Price per box, sufficient for several flocks, 50 cts. postpaid.

CONKEY'S WHITE DIARRHOEA REMEDY.—One of the best known remedies for bowel trouble and white diarrhoea. Price Small size, pkg. 25 cts., postpaid; large size pkg., 50 cts., postpaid.

CONKEY'S POULTRY WORM REMEDY.—A safe dependable and handy remedy for this deadly disease among poultry. Price 50 cts., postpaid.

CONKEY'S CHICKEN POX REMEDY.—Price, 50c.; postpaid 55c.

CONKEY'S LIMBER NECK REMEDY.—Price, 50c.; postpaid 55c.

CONKEY'S SCALY LEG REMEDY.—Price, 50c.; postpaid, 55c.

MACNAIR'S CHICKEN POWDER is life to chickens and turkeys and death to hawks. This powder is a medicine that gives wonderful results in safeguarding and curing Cholera, Gape, Roup, Limber Neck and Diarrhoea. Sample pkg 25 cts. by mail postpaid. Large pkgs 25 cts. 50 cts. and \$1.00 by express.

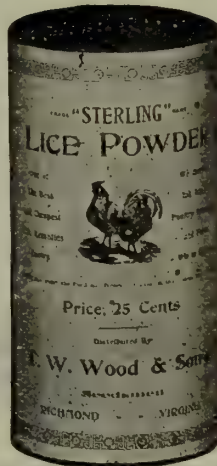
Liquid Lice Killers and Powders

Sterling Lice Powder is clean to handle, easy to apply, sure in effect, and can be used in the nests of sitting hens without injuring young chickens. For lice on cattle and horses, ticks on sheep and fleas on dogs, Sterling Lice Powder is a most effective remedy. Put up in boxes with top perforated for sprinkling. 5-oz. box (trial size), 10 cts., postpaid, 15 cts.; 15-oz. box (regular size) 25 cts., postpaid, 40 cts.; 48-oz. pkg. (farmer's size) 50 cts., postpaid, \$1.00; 100-oz. pkg. \$1.00.

CYPHERS LICE POWDER.—An excellent preparation for killing lice on fowls. 5-oz. pkg. 10 cts.; postpaid, 15 cts.; 15-oz. box, 25 cts.; postpaid, 40 cts.; 48-oz. box, 50 cts.; postpaid, \$1.00; 100-oz. pkg., \$1.00.

RUST'S LICE KILLING POWDER.—This powder kills lice and other vermin on fowls, animals, plants or on any thing. 5-oz. box 10 cts.; postpaid, 15 cts.; 15-oz. box 25 cts.; postpaid, 40 cts.; 48-oz. box 50 cts.; postpaid, \$1.00.

Rust's Liquid Lice Killer is an instantaneous disinfectant. It prevents and destroys disease germs vermin and bad odors. 1-qt. cans 35 cts.; 2-qt. cans 60 cts.; 4-qt. cans \$1.00.



Conkey's Lice Powder is carefully compounded and contains no chemicals which will injure the fertility of the eggs when used in the nests of sitting hens. 5-oz. pkg. 10 cts.; postpaid, 15 cts.; 15-oz. pkg., 25 cts.; postpaid, 40 cts.; 48-oz. pkg., 50 cts.; postpaid, \$1.00; 100-oz. pkg., \$1.00, by express.

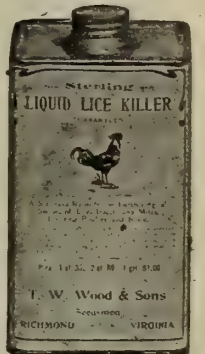
CONKEY'S LICE LIQUID.—An excellent lice killer and also an effective disinfectant. 1-qt. can, 35 cts.; 2-qt. can, 60 cts.; 1-gallon can, \$1.00.

Sterling Lice Killer

This is a liquid lice destroyer, especially prepared for killing all insect parasites of poultry. 1-qt. can, 35 cts.; 2-qt. can, 60 cts.; 1-gal. can, \$1.00.

CYPHERS LICE PAINT is a scientifically compounded preparation for use primarily in killing lice, mites and other parasites on fowls. 1-qt. can 35 cts.; 2-qt. can 60 cts.; 1-gal. can \$1.00.

CONKEY'S HEAD LICE OINTMENT.—A carefully prepared non-poisonous article which is instant death to all insects but perfectly harmless to the chicks. Price, 1-oz. can (enough for 100 applications), 10 cts.; 3-oz. can (enough for 300 applications), 25 cts.



Poultry Helps and Appliances

Nesco Sanitary Drinking Fountains are made

in three sizes; the top is made cone-shape; which is a great advantage. It prevents the chickens from roosting on top of them, which is so often the case with a flat top fountain, and keeps the water fresh and clean. Price, small size, 25 cts.; medium size, 30 cts.; large size, 40 cts.



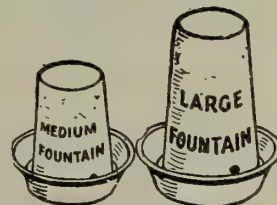
Standard Wall Fountains are made of the best galvanized iron and will last many years with the proper treatment. It can be hung on wall of a building or against an upright post or board at any height. A hood projects over the water trough and prevents the water from becoming soiled. Price, 1-gallon size, 50 cts.; 2-gallon size, 75 cts.

Peerless Wall Fountain are something new and extra serviceable in the way of poultry fountains. They are made with a detachable bottom which makes them easy to clean and keep clean. Price 1-qt. size, 30 cts. each; 5-qt. size, 50 cts.; 10-qt. size, 75 cts.



Galvanized Iron Drinking

Fountain These Galvanized Iron Drinking Fountains embody every good feature of the up-to-date drinking fountain, and are acknowledged to be the best in use. They are light and non-breakable, easily cleaned and keeps the water cold. The small size fountain is just the right size for brooder use. Small size, 20 cts.; medium size, 25 cts.; large size, 35 cts.



Economic Poultry Fountain and

Feeder—These pans make one of the finest feeders and fountains that we know of. In the first place there is nothing loose—only one part. Nothing to get lost. The feet supporting the thread socket into which the Mason jar screws are firmly electric welded to the bottom of the pan. They can be used for either food or water and afford a constant clean supply. We do not furnish the glass jar but any Mason jar will fit them. Price small size, 20 cts. each; large size, 25 cts. each.



Poultry Helps and Appliances—(Continued)



SANITARY GRIT AND SHELL BOXES.
—This box is manufactured from the best galvanized iron and has three self-feeding compartments for food, shells and grit, 50 cts. each.

STANDARD DRY FOOD HOPPERS.—Made with two compartments, 75 cts. each.

BOSTON DRY FOOD HOPPER is made of galvanized sheet iron and is practically indestructible and will last a lifetime. It is also absolutely rat-proof and positive in its action. Price: large size for dry feed, \$1.00; medium size for beef scrap, grit, etc., 90 cts.; small chicken size holds ½ peck, \$1.00.

HUB CHICKEN FEEDER is sanitary, keeps the feed clean and dry, chickens cannot get into it and waste the feed. 9-inch Feeder, 35 cts.; 15-inch Feeder, 50 cts.

ONE-TWO-THREE FEEDER.—For feeding Dry Mash, Scraps, Shells, Charcoal or any poultry feed. The separator can be arranged so as you can have one, two or three compartments. 75 cts. each.

Sterling Disinfectant is unexcelled for disinfecting poultry houses and runs, stable, dog kennels, toilet or any place where a good stroyer is needed. One gallon will make 100 gallons of disinfectant. 1-qt. can, 50 cts.; ½-gal. 85 cts.; 1 gal., \$1.50.

THYMO CRESOL.—A perfect sheep dip and splendid disinfectant. Invaluable for poultry houses, dog kennels, etc. Price, small bottle, 20 cts.; large bottles, 25 cts.; quart, 65 cts.; ½ gal. \$1.00; gal. \$1.75.

NAPCREOL.—For disinfecting poultry houses, etc. 1-qt. cans, 50 cts.; ½-gal. 85 cts.; 1-gal. \$1.50.

NOX-I-CIDE.—An invaluable remedy for all germ diseases, and its use prevents disease. Price, 1 pint can, 35 cts.; 1-qt. can, 60 cts.; 2-qt. can, 90 cts.; 4-qt. can, \$1.50.

GAPE WORM EXTRACTORS.—Each 25 cts.

PERFECT POULTRY MARKER.—Makes a good clear cut and does not mutilate the web. 50 cts.

PHILADELPHIA POULTRY MARKER.—25 cts.

Safety Brooder Stove—This is just the stove for the home-made brooder. Safe and reliable. Price, each, \$1.75.

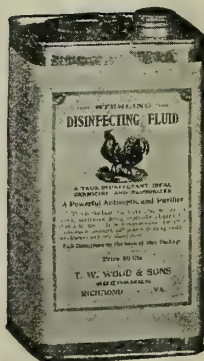
PURE SULPHUR FUMIGATING CANDLES.—Produce a vapor which kills all insects and germs of disease. Price, each, 15 cts.; by mail, 20 cts.; per doz. by express, \$1.00.

PHILADELPHIA CAPONIZING SET.—Complete, \$2.50, postpaid.

CHAMPION LEG BANDS give perfect satisfaction. They are neat, light, strong and durable, easy and quickly put on, and guaranteed to stay on. By mail, postpaid, doz., 15 cts.; 25 for 30 cts.; 50 for 50 cts.; 100 for 75 cts.

LAMP WICKS for No. 0 incubators, 20 cts. per doz.; Nos. 1, 2 and 3 incubators, 25 cts. per doz., postpaid.

LAMP BURNERS for No. 0, 30 cts. each; 35 cts., postpaid. For Nos. 1, 2 and 3, 50 cts. each; 60 cts., postpaid.



Specially made for the shipping or delivering of eggs for setting. Are made of corrugated paper, strong, light and durable, and at the same time protect from heat or cold in transit. When packed weigh less than 3 pounds. 15 egg size, \$1.35 per doz. boxes; 30-egg size, \$2.00 per dozen.

ANDERSON EGG BOX.—Price, 50-egg size, \$2.75 per doz.; 100-egg size, \$4.50 per doz.

Farmers Handy Egg Boxes A safe and convenient crate for carrying eggs. Price: 6 doz. egg size, 90 cts.; 8 doz. egg size, \$1.00; 12 doz. egg size, \$1.25; 18 doz. egg size, \$1.50.

Shipping Coops—Light, strong and easily put together. It is a closed coop, made of light lumber, in three sizes. 1-bird size, 30 cts. each, \$3.00 per dozen; 2-bird size, 35 cts. each, \$3.50 per dozen; 3-bird size, 40 cts. each, \$4.00 dozen.

Mann's Green Bone Cutters We confidently recommend these bone cutters, for we are certain that there is no better green bone cutter manufactured. Green cut bone is one of the best foods for egg production. No. 5 B, \$8.00; No. 7, on stand, \$12.00.

BLACKHAWK GRINDING MILL.—A most useful and substantial grinding machine for poultrymen, as well as for farm and family use. By the use of this machine you can always have fresh Graham meal, as well as corn meal for the table. It is easily taken apart for cleaning, and is easily adjusted for fine or coarse grinding. Is adapted for grinding all kinds of grain and seeds, such as wheat, corn, rye, kaffir corn, sunflower seed, etc., but cannot be used for bones or shells. Price, \$3.00.

DRY BONE AND SHELL MILL is the best thing for grinding dry bone, oyster shells and coarse grain, like corn. The low price at which it is sold is within the reach of every poultryman. Price, \$5.00.

PORCELAIN NEST EGGS.—These eggs are made of first-class flint glass. They do not break easily and will last a lifetime. Price, by mail, 5 cts. each, 35 cts. per doz.; by express, 2 for 5 cts.; doz., 25 cts.

MEDICAL NEST EGGS.—A lice-destroyer and nest-egg combined. Placed in corner of nest under nesting material, keeps the nest sweet and clean. Price, by mail, 7 cts. each, 78 cts. per doz.; by express, each 5 cts.; doz., 50 cts.

THE X-RAY EGG TESTER.—The X-Ray Egg Tester is designed for use on an ordinary hand lamp. Each 25 cts.; by mail 35 cts.

THE PRACTICAL EGG TESTER.—The Practical Egg Tester is 18 inches high, 10 inches wide and 10 inches deep, and is equipped with a lamp and a strong reflector. Each, \$1.50.

POULTRY KILLING KNIFE.—Every poultry raiser who dresses poultry for market should have one of these finely tempered steel knives. They will last a lifetime. 50 cts.

INCUBATOR THERMOMETERS.—Each, postpaid, 60 cts.

BROODER THERMOMETERS.—Each, postpaid, 45 cts.

INCUBATOR HYGROMETERS.—These Hygrometers, should be used by every one who runs an incubator. They regulate the moisture as accurately as the heat, which overcomes the trouble so many people have of chickens "dead in the shell." Price: \$1.50 each.



CYPHERS INCUBATORS and BROODERS

We are the authorized agents for Cyphers Fire-Proofed Incubators and Brooders and handle them in large quantities, so that we can sell them at exactly factory prices, free on board cars, Richmond, Va., as follows:

PRICES OF CYPHERS SELF-REGULATING FIRE-PROOFED BROODERS.

No. 0.—70 egg size.....	\$15.00
No. 1.—144 egg size.....	22.00
No. 2.—244 egg size.....	32.00
No. 3.—390 egg size.....	38.00

Descriptive Cyphers Catalog telling about Cyphers Incubators and Brooders and how to raise Poultry for Profit, mailed on receipt of 10c. to cover postage. This gives most valuable information for raising poultry.

PRICES OF CYPERS SELF-REGULATING FIRE-PROOFED BROODERS.

Style A.—Outdoor, Self-Regulating, Three Apartment Combination Brooder and Colony House; size 32 x 32 inches.....	\$12.50
Style B.—Outdoor (formerly Style A), Self-Regulating, Three Apartment Combination Brooder and Colony House; size, 32 x 64 inches.....	16.50
Style C.—Outdoor, Self-Regulating, Three Apartment Combination Brooder House; additionally protected against cold by double wall insulation; size, 32 x 64 in.....	18.50
Style D.—Indoor Self-Regulating; size, 32 x 32 inches.....	11.50
Adaptable Hover.....	8.50
International Sanitary Hover.....	8.50



STANDARD
CYPHERS INCUBATOR
Fire Proofed-Insurable.

Hardy Flowering and Ornamental Shrubs

Grown at Our Kenbrook Farm

The planting of flowering and ornamental shrubs is increasing to a wonderful extent, as they give more real lasting satisfaction than any other form of decorative plants. After they are once planted, they increase in growth, size and beauty each year, and require very little attention.

October and November is the best time for setting out these Hardy and Ornamental Shrubs. They can also be set out early in the spring. In planting out, they should be set out a little deeper than the marks show they were originally set in the nursery rows. Thoroughly well rotted manure should be incorporated with the soil at the time of planting, or in the absence of well rotted manure, an application of ground bone should be given for best growth and results.

Double White-flowered Almond (*Prunus fl. pl.*)
(Moser) Produces beautiful double white flowers in May. Red-brown foliage. 1½ to 2 feet. 60 cts. each.

Common or European Barberry (*Berberis vulgaris*)
A handsome deciduous shrub, with yellow flowers in terminal drooping racemes in May and June, followed with orange-scarlet fruit. 2 feet, 20 cts. each; \$2.00 per dozen.

Purple Leaved Barberry (*Berberis var Purpurea*)
An interesting shrub, growing 3 to 5 feet high, with violet-purple foliage and fruit; blossoms and fruit beautiful, very effective in groups and masses or planted by itself. 2½ to 3 feet. 25 cts. each; \$2.50 per dozen.

Japanese Barberry (*Berberis thunbergii*) Where a good dwarf, bushy hedge is desired, there is no shrub to compare with this. The attractive foliage, which takes on such a bright red fall coloring, and during the winter the scarlet berries, all help to make it very ornamental. 20 cts. each; \$2.00 per dozen.



Spirea Van Houttei.

Florida Dogwood (*Cornus Florida*) Foliage dark green, changing to brilliant crimson in autumn. Pure snow white flowers in abundance, followed by bright scarlet fruit. 30 cts. each; \$3.00 per dozen.

Red Branch Dogwood (*Cornus sanguinea*)
Very conspicuous in winter, when the branches are blood-red. About 3 feet. 25 cts. each; \$2.50 per dozen.

Red Siberian Dogwood (*Cornus Siberica*) A rare and remarkable variety, with bright red bark in winter. About 3 feet. 25 cts. each; \$2.50 per dozen.

Red-flowering Dogwood (*Cornus rubra*)
A rare variety, the flowers of which are rich rosy red. 2½ feet, 60 cts. each.

Bladder Senna (*Colatea aborescens*)
A large shrub with small delicate foliage and yellow pea-blossom shaped flowers in June followed by reddish pods or bladders. 2½ to 3 feet, 35 cts. each.

Buddleia Lindleyana Violet purple flowers in dense racemes. A beautiful free-flowering shrub, vigorous and healthy growth. 3 feet, 40 cts. each; \$4.00 per dozen.

Sweet-Scented Buddleia (*Buddleia varabilis*)
Strong growing shrub 3 to 6 ft. tall. Flowers, lilac, with orange-yellow throat. Blooms in August, continuing until frost. 3 feet. 25 cts. each; \$2.50 per dozen.

European Burning Bush (*Euonymus Europeans*)
Grows 5 to 6 feet in height. The seeds of this, light yellow in color, are quite ornamental. 4 feet, 25 cts. each; \$2.50 per dozen.

Chinese Angelica Tree (*Dimorphanthus mandshuricus*) Tropical in appearance; similar in form to Aralia spinosa, but of bolder growth. Produces massive panicles of flowers in mid-summer. Very attractive. 2 to 3 feet. 25 cts. each; \$2.50 per dozen.

Crape Myrtle (*Lagerstroemia*) A handsome free flowering shrub, which blooms throughout the summer, producing great masses of beautifully fringed flowers. In Northern States the plants should be lifted in the fall and kept in a cellar.

Indica.—Delicate soft pink. 50 cts. each.

Double White Deutzia (*D. Crenata fl. pl. Alba*) Flowers pure white; double; produced in great abundance middle of April. A tall-growing variety. 3 to 3½ feet. 20 cts. each; \$2.00 per dozen.

Double Pink Deutzia —25 cts. each; \$2.50 per dozen.

Dwarf White Deutzia (*Gracilis*) Flowers pure white; bell-shaped; quite dwarf. Blooms early in April. 12 inches. 25 cts. each; \$2.50 per dozen.

Deutzia, Pride of Rochester Double white, back of petals, pink; large panicles; blooms middle of April. 2½ to 3 feet. 25 cts. each; \$2.50 per dozen.

Cydonia var. Umbellicata Flowers brilliant rosy-red succeeded by large showy fruit; forms a fine shrub. 2½ feet, 35 cts. each.

European Elder (*Sambucus racemosa*) Flowers in panicles in April and May, followed by red berries, the fruit ripening early in June. 4 feet. 30 cts. each; \$3.00 per dozen.

Flowering Quince (*Cotoneaster nepalensis*)
Erect shrub; leaves oblong appressed hairy in both sides; flowers white or slightly pinkish; fruit deep red, oblong in June and July. One of the best fruiting species. Hardy as far north as New York. 2½ feet, 60 cts. each.

Purple-leaved Filbert (*Corylus purpurea*)
A very conspicuous shrub with dark purple leaves. Distinct and fine. 2½ feet, \$1.00 each.

False Indigo (*Amorpha fruticosa*) A hairy shrub. Flowers dark red-purple in June and July. 2 to 2½ feet, 25 cts. each.

Golden Bell, Fortune's (*Forsythia fortunei*)

Tall, but the branches bend, making a most graceful effect, especially in early spring, when full of yellow blossoms. 3 to 4 feet. 25 cts. each; \$2.50 per dozen.

Golden Bell, Drooping, (*Forsythia suspensa*)

Graceful drooping form, highly effective to plant on banks or where the slender branches can trail their full length. Blooms in profusion. 3 to 4 feet. 25 cts. each; \$2.50 per dozen.

Dark Green Forsythia (*Forsythia viridissima*)

More shrub-like in growth than other Forsythias. Dark rich foliage, and a very profuse bloomer. 3 to 4 feet. 25 cts. each; \$2.50 per dozen.

Globe Flower or Japanese Rose (*Corchorus Japonicus*)

An old favorite; of spreading habit, with double yellow blooms about an inch in diameter, which appears early in April. Effective for massing. Attains a height of about five feet. 3 feet clumps. 25 cts. each; \$2.50 per dozen.

Gold Flower (*Hypericum moserianum*)

Beautiful golden yellow flowers, with crimson stamens. Dwarf habit. One of the best, strong, bushy plants. 2 feet high. 25 cts. each; \$2.50 per dozen.

Hydrangea Paniculata Grandiflora

Produces in July immense panicles of pure white flowers, which last for several weeks; a most valuable shrub. A large bed of this plant makes a most striking appearance. This shrub should be grown in rich ground and cut back severely during winter. It will then produce magnificent flower-heads. 2 to 2½ feet. 25 cts. each; \$2.50 per doz.

White Bush Honeysuckle (*Chamaecerasus morowii*)

Shrub to 6 feet with wide spreading branches and dark green leaves, pure white flowers in May and June, fruit blood-red. Very decorative with its bright red fruit from August until late Fall. 25 cts. each.

Red Bush Honeysuckle (*Chamaecerasus morowii rubra grandiflora*)

Same form of bush as *Chamaecerasus morowii*, with large leaves and large red flowers, the lobes lighter. 25 cts. each.

Pink Bush Honeysuckle (*Chamaecerasus morowii rose grandiflora*)

Same as the *rubra grandiflora* except that the flowers are large and pink with the lobes bordered with lighter pink. 25 cts. each.

High Bush Cranberry (*Viburnum opulis*)

Tall shrub, with spreading branches. Flowers single white, produced in flat clusters in late spring. Berries scarlet; these remain all winter. Very showy. 50 cts. each; \$5.00 per dozen.

Scarlet Japan Quince (*Cydonia Japonica*)

Has bright scarlet-crimson flowers in great profusion in the early spring. One of the best hardy shrubs. 2½ feet, 25 cts. each.

Common White Lilac (*Syringa alba*)

Cream colored flowers. 2½ feet, 35 cts. each.

Common Lilac (*Syringa vulgaris*)

The standard common purple lilac; very fragrant and one of the best. 2½ feet, 35 cts. each.

Lilac or Syringa RUBRA DE MARLEY.

Purplish red; free flowering. 2 to 2½ feet. 25 cts. each; \$2.50 per dozen.

Lilac Raven (*Syringa rothomagensis*)

Produces abundance of red flowers in extra large panicles. 2½ to 3 feet. 35 cts. each; \$3.50 per dozen.

Maiden Hair Tree or Ginkgo (*Salisburia adiantifolia*)

A rare and elegant tree of medium size, with beautiful fern-like foliage which in shape somewhat resembles the Maiden Hair Fern. 2 feet 25 cts. each.

Mock Orange Syringa (*Philadelphus grandiflorus*)

The flowers of this are much larger than the others, and showy. Develops into a bushy specimen. 2 to 3 feet. 25 cts. each; \$2.50 per dozen.

Sweet Mock Orange (*Philadelphus coronarius*)

Grows 5 to 6 feet in height. The real old-fashioned form, with its pretty white blossoms and yellow stamens. 2 to 3 feet. 25 cts. each; \$2.50 per dozen.

New Jersey Tea (*Americanus Ceanothus*)

A very ornamental shrub; small white flowers, profuse bloom in June and July. 2 to 2½ feet. 25 cts. each; \$2.50 per dozen.

Olive Tree or Japan Oleaster (*Elaeagnus edulis*)

Gumi fruit of the Japanese. A low growing ornamental shrub, which produces in early May enormous quantities of fruit, which is one-third of an inch in length, oblong, bright red, and covered with minute white dots. This plant is not sufficiently appreciated, and should be more extensively cultivated, as the fruit is very ornamental and makes an excellent jelly or marmalade, the flavor is sharp, pungent and rather agreeable. Foliage light green, silvery beneath. Produces very fragrant flower April 1st. Plant perfectly hardy, and grow in almost any situation. 2½ to 3 feet. 20 cts. each; \$2.00 per dozen.

California Privet

A rapid grower and thrives on all soils and makes a magnificent hedge or screen. Foliage is dark, glossy green, and is evergreen until late in winter. It has an erect habit of growth. One year, 10 to 18 inches, at \$1.50 per 100; \$15.00 per 1,000.

Amoor River Privet

Makes a magnificent hedge. It is a very quick and compact grower. It has a beautiful light green color, and retains its foliage through the winter. 18 to 24 inches, \$3.50 per 100; \$30.00 per 1,000. 2 to 3 feet, \$4.00 per 100; \$35.00 per 1,000.

Ibota Privet (Japanese)

A handsome evergreen shrub of dense and symmetrical outline. Native of Japan. Leaves thick, dark lustrous green, often with a reddish margin and midrib. Flowers creamy white, disposed in loose panicles. The berries are bluish black with a bloom. Specimen plant 3 to 4 feet, 35 cts.

Purple Leaved Plum, (*Prunus Pissardi*)

Vigorous upright growth. Foliage maroon-red. Very handsome from early spring to late fall. Fine for color massing or as single specimens. 4 to 5 feet. 30 cts. each; \$3.00 per dozen.

Rosa, Rugosa

Japanese roses. How beautiful are the single roses of this grand species, often 3 inches in diameter and the large scarlet rose hips which follow late. The thick, glossy green foliage always looks well. Red or white variety. About 2 feet. 25 cts. each; \$2.50 per dozen.

MME. GEORGES BRUANT

Pure White, loosely double roses, very fragrant, and produced in large quantities. 25 cts. each; \$2.50 per dozen.

BLANC DOUBLE DE COUBERT

One of the best Rugosas; paper-white; semi-double flowers; long, pointed buds. About 2 feet. 25 cts. each; \$2.50 per dozen.

Red-fruited or Indian Currant (*Symphoricarpos vulgaris*)

Sometimes called "Coral Berry." A shrub of very pretty habit. Foliage, fruit and flowers, small; fruit purple; hangs all winter. 2 feet, 30 cts. each.

Rose of Shaeon (*Althea*)

The Altheas are among the most valuable of our tall hardy shrubs on account of their late season of blooming which is from August to October, a period when few shrubs are in flower. We offer the following, viz.:

ALBA LUTEOLA FL.

Double white with yellowish center.

ARDENS

Double violet-pink.

DUCHESSE DE BRABANT.

Double dark red.

COELESTIS.

Simple Blue.

JEANNE DE'ARC.

Double white.

PURPUREA FOL. VAR.

Deep red. Variegated leaves.

All of the above, 1½ to 2 feet, 35 cts. each.**St. Peter's Wort or Waxberry (*Symphoricarpos alba*)**

A well-known shrub with small pink flowers and large white berries that hang on the plant through part of the winter. 2 feet, 30 cts. each.

Smooth Sumach (*Rhus Glabra Lacinata*)

The leaves are beautifully cut and equal in grace and intricacy the most delicate fern. The foliage assumes most brilliant coloring in the fall; this, combined with its showy clusters of crimson fruit, makes it unique for mass planting where rich color effect is desired. It is also decidedly picturesque trained in tree form. 3 to 4 feet, 25 cts. each; \$2.50 per dozen.

Snowball (*Viburnum opulis sterilis*)

Produces large globular clusters of white flowers in April. An old favorite. 3 to 4 ft. 35 cts. each; \$3.50 per dozen.

Japanese Snowball (*Viburnum plicatum*)

A beautiful variety of upright, bushy growth. Produces heads of white flowers in great profusion. Far superior to the old Snowball. Blooms early in April and lasts several weeks. 2 to 3 ft. 50 cts. each; \$5.00 per dozen.

Spiraea Thunbergii

Of dwarf habit; branches slender and drooping; foliage very narrow light green, changing to bright orange and red in fall; flowers small and white, and appear very early in March, lasting three weeks. A beautiful variety for a dwarf or low-growing hedge. 2 to 2½ feet. 20 cts. each; \$2.00 per dozen; \$15.00 per 100.

Spiraea Van Houttei Grows to a height of 3 to 4 feet. One of the very finest Spiraeas. In May, before the leaves appear, all the branches are clustered to their full extent with single flowers, which produce a charming effect. 3 feet. 25 cts. each; \$2.50 per dozen.

Spiraea Anthony Waterer The finest of the dwarf Spiraeas, and a grand acquisition. It excels all other Spiraeas in brilliancy of color, a purple-crimson, and is the most profuse and persistent bloomer of them all, bearing continuously large, flat clusters of bloom throughout the summer and autumn. 18 inches. 20 cts. each; \$2.00 dozen.

Reeves Single Spiraea (Reevesiana) Produces large clusters of single white flowers, which cover the entire plant. A desirable early spring bloomer. 2 to 2½ feet. 20 cts. each; \$2.00 per doz.

Reeves Double Spiraea, (Reevesiana flore pleno) With large, round clusters of double white flowers, which cover the entire plant. A most desirable early spring bloomer. Commences to bloom latter part of March, and continues for several weeks. One of the best. 25 cts. each; \$2.50 per dozen.

Japanese Spiraea (Stephanandra Fleuxuosa) Graceful, pendent, fountain like habit of growth. The leaves are finely and delicately cut. Flowers are creamy white and produced in the greatest profusion. In the autumn the foliage assumes brilliant reddish tints. Fine as a background for herbaceous borders or for facing tall shrubbery. 2 feet. 25 cts. each; \$2.50 per dozen.

Blue Spiraea or Chinese Beardwort (Caryopteris mastacanthus) A fine blooming shrub, with lavender blue flowers produced in summer and early autumn in great profusion. Very effective for massing. Strong field-grown plants, 25 cts. each; ten for \$2.00.

HARDY FLOWERING VINES

Bitter-Sweet (Celastrus scandens) A native climbing plant of great growth with attractive light-green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit. 30 cts. each.

Boston Ivy or Virginia Creeper (Ampelopsis veitchii) Rapid growing, deciduous vine. Handsome green foliage, assuming charming sun-tints in the fall. Perfectly hardy and the most popular of all vines. 15 cts. each; \$1.50 per dozen.

Chinese Evergreen (Lonicera Sinensis) Red, yellow, and white variegated flowers; very fragrant. 35 cts. each.

Dutchman's Pipe (Aristolochia sypho) A vigorous and rapid growing climber, bearing singular brownish colored flowers resembling in shape a pipe. Its flowers are of little value compared to its light-green leaves which are of very large size and retain their color from early Spring until late Fall; perfectly hardy. 50 cts. each.

English or Irish Ivy (Hedera Hibernica) This well known favorite is useful for covering walls and in rock gardening. Owing to its handsome, evergreen, glossy foliage, it is much used for covering graves, particularly in shaded situations, where grass will not grow. Field-grown plants. 15 cts. each; \$1.50 per dozen.

Euonymus Radicans Very hardy, dense growing, trailing vine; has dull green leaves with whitish veins. Grows rapidly if planted in reasonably rich ground; also useful for covering old walls, etc., as it is self-clinging. 20 cts. each; \$2.00 per dozen.

Monthly Fragrant or Dutch Honeysuckle (Lonicera Belgica) Blooms all summer, red and yellow, very fragrant flowers. 35 cts. each.

Hall's Japan Honeysuckle (Lonicera Halleana) A strong almost evergreen variety, with pure white flowers changing to yellow. Very fragrant and covered with flowers from July till December, holds its leaves till January. 35 cts.

Naked-Flowered Jessamine (Jessamine nudiflorum) A graceful, healthy climbing shrub, with dark green leaves. Flowers bright yellow, which are produced very early in January. 25 cts. each; ten for \$2.00.

Virgin's Bower (Clematis Montana Grandiflora) Of stronger growth than any other clematis, and succeeds under most adverse conditions. It is perfectly hardy. Its flowers resemble the Anemone or Windflower, and are snow white, 1½ to 2 inches in diameter. They frequently begin to expand as early as the last week in April continuing well through May, and are produced in such masses as to completely hide the plant. 25 cts. each.

Sweet Shrub, Calycanthus Praecox, (Chimonanthus fragrans) Oriental sweet shrub. A beautiful Japanese shrub, producing a great abundance of exquisitely fragrant purple flowers in spring. 30 cts. each; \$3.00 per dozen.

Wayfaring Tree (Viburnum lantana) A large shrub, 10 to 15 feet tall. Flowers white, produced in large cymes in April. Berries bright red, changing to black. 2 to 3 ft. 35 cts. each; \$3.50 per dozen.

African Tamarisk, (Tamarix Africana) Strong, slender-growing, irregular shrubs with feathery foliage and small delicate flowers, borne profusely on bending branches. 3 to 4 feet. 25 cts. each; \$2.50 per dozen.

French Tamarisk, (Tamarix Gallica) Foliage fine and feathery, on long, slender branches that are covered their entire length with bright pink, plume-like flowers. 3 to 4 feet. 25 cts. each; \$2.50 per dozen.

Weigela ROSEA.—Large and rather coarse deep pink or magenta flowers in great masses during June. 2½ to 3 feet. 25 cts. each; \$2.50 per dozen.

AMABILIS.—Grows to the height of 4 or 5 feet. A showy pink-flowered form, making a vigorous growth. 2½ to 3 feet. 25 cts. each; \$2.50 per dozen.

CANDIDA.—Pure white flowers of large size. Blooms all summer and autumn. 2½ to 3 feet. 25 cts. each; \$2.50 per doz.

EVA RATHKE.—Very distinct in color of flower from other Weigelas, a remarkably free bloomer and a vigorous, erect grower. The flowers are of a rich deep crimson, and are produced in great abundance, continuously throughout the summer and autumn. About 3 feet. 35 cts. each; \$2.50 per doz.

Yellow-flowered or Missouri Currant (Ribes aureum) Bright green foliage, beautifully tinted in Autumn; fragrant yellow flowers in May followed by dark brown fruit. 2 feet, 30 cts. each.

Japanese Virgin's Bower (Clematis paniculata) A choice hardy climber and most satisfactory. Of strong rapid growth, with small, dense cheerful foliage, and pure white, very fragrant flowers which appear in great profusion in August. 25 cts. each.

Japanese Wistaria (Wistaria multijuga) A Japanese variety bearing loose panicles, frequently 3 feet long, of deep purple flowers. 25 cts. each.

Wistaria Sinensis fl. alba Of similar habit to Sinensis with pure white flowers. 40 cts. each.

Wistaria, Chinese, Bue (Wistaria Sinensis) A flowering vine of extremely vigorous growth which attains a great height if given support. The beautiful flowers of soft, dainty lavender blue color are produced in pendulous racemes a foot or more long, in May, before the leaves expand. They are produced in such great numbers as to form a bank of bloom. 25 cts. each; \$2.50 per dozen.



Wistaria

SHADE TREES

American White Ash (*Fraxinus alba Americana*)

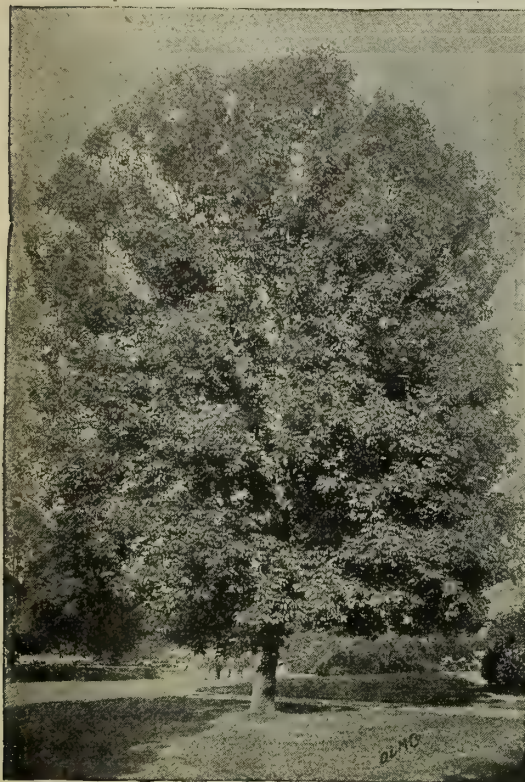
Well suited for sidewalk or lawn plantings. Grow to large, open proportions. Distinguished from the Green Ash by the light color of under side of leaf. 5 to 6 feet. 75 cts. each.

Yellow Birch (*Betula lutea*)

Yellow bark and large leaves identify this birch. A rapid growth. 4 to 5 feet. 75 cts. each.

Oriental Plane, Sycamore or Buttonwood (*Platanus orientalis*)

A superb tree of gigantic proportions, extensively used in Europe for park, street and avenue planting, and is a favorite in this country. Dense foliage of a bright green color. The bark peels off the trunk and branches in autumn, leaving the whole tree of a creamy white color all through the winter. As a shade tree, this cannot be excelled. 6 to 7 feet. 50 cts. each; \$5.00 per doz.



American White Ash

pruning encourages a vigorous growth of new shoots. 3 to 4 feet. 50 cts. each; \$5.00 per dozen.

Italian Poplar (*Populus Fastigiata*)

—A tall pyramidal compact-growing tree. Rapid grower and very hardy. Widely planted in the southern part of Europe. We can supply these trees with 4-foot bodies, and others whose limbs start at the ground. Therefore, in ordering, please state the class of tree desired. 7 to 8 feet. 25 cts. each; \$2.50 per dozen; \$20.00 per 100.

Golden Willow (*Salix vitellina*)

—Grows to a height of 30 to 35 feet. Highly effective in winter, with its golden bark. Severe

Magnolia Soulangeana.

The largest of the Chinese varieties. Flowers white, with purple at base of petals. Blooms in profusion. 2 to 3 feet. \$1.25 each; \$10.00 per dozen.

Tulip Tree (*Liriodendron Tulipifera*)

A magnificent rapid growing tree of pyramidal shape; foliage broad and glossy; flowers yellowish green, tulip shaped. Valuable as an ornamental tree for street and lawn planting. Also for lumber. 4 to 5 feet. 50 cts. each; \$5.00 per dozen.

Sutner's White-Spotted Plane or Sycamore (*Platanus occidentalis Sutneri*)

Foliage spotted and marked white; very ornamental. 5 to 6 feet. 75 cts. each.

Varnish Tree (*Koelreuteria paniculata*)

A charming small tree, with glossy, divided foliage and large terminal panicles of showy golden yellow flowers in July. A very desirable lawn tree. 3 to 4 feet. 60 cts. each; \$6.00 per dozen.

Pussy or Goat Willow (*Salix Caprea*)

Grows to a height of 10 to 12 feet. The blooms of this willow are very attractive in the early spring, and later the foliage makes a handsome show. 4 to 5 feet. 50 cts. each; \$5.00 per dozen.

Flame or Bronzed Barked Willow (*Salix britzensis*)

Grown to a height of 20 to 25 feet. Like Golden Willow, its winter effect is gorgeous, the bright red twigs contrasting with the snow. Prune as recommended above. 3 to 4 feet. 75 cts. each.

American Hazel (*Corylus Americana*)

Valued for its nuts. Useful for forming thickets in somewhat shaded places. 3 to 4 feet. 40 cts. each; \$4.00 per dozen.

European Mountain Ash (*Sorbus aucuparia*)

A fine tree, dense and regular; covered all summer with great clusters of scarlet berries. 5 to 6 feet. 50 cts. each; \$5.00 per dozen.

Purple Birch (*Betula var. purpurea*)

Quite a rare, distinct kind, having purple foliage and purplish-white bark. 5 to 6 feet. \$1.25 each.

Evergreen Trees and Shrubs

Evergreen Azalia (*A. Amoena*)

A superb low-growing evergreen shrub of bushy habit and perfect hardiness. Flowers are of bright rosy purple. Foliage assumes a pleasing bronze tint in the fall and winter months. 9 to 12 inches. 30 cts. each; \$3.00 per dozen.

Pyramidal Arborvitae (*Thuja pyramidalis*)

A most valuable upright evergreen, of dense, compact habit. Foliage light green. 2 feet. 50 cts. each; \$5.00 per dozen.

Oregon Barberry (*Mahonia Aquifolia*)

Medium size, with purplish shining, prickly leaves and showy, bright yellow flowers in May succeeded by bluish berries. 20 cts. each; \$2.00 per dozen.

Golden Japanese Cypress (*Retinospora Plumosa Aurea*)

Very popular and beautiful. Of dense habit, with soft, feathery foliage, light green, distinctly tipped with yellow, 2 to 2½ feet. 60 cts. each; \$6.00 per dozen.

Plum-like Japanese Cypress (*Retinospora Plumosa*)

A beautiful, strong growing evergreen tree, with abundant soft deep green foliage. 1½ feet. 60 cts. each.

Silver Cypress (*Cupressus Arizona*)

Grows quite large and makes a beautiful contrast with other foliage. Horizontal branches. Can be trained either to narrow and pyramidal or broad, open head. 3½ to 4 feet. \$1.00 each.

English Elm (*Ulmus Campestris*)

An erect lofty tree, compact growth, with smaller and more regularly cut leaves than those of the American and darker colored bark. The branches project from the tree at almost right angles, giving the tree a noble appearance. 6 to 7 feet. 75 cts. each.

Hemlock (*Abies Canadensis*)

One of the most graceful and beautiful, and withal one of the hardiest of evergreen trees. 1 foot. 50 cts.; 1½ feet, 75 cts. each.

Japanese Burning Bush (*Euonymus Japonicus*)

Very useful and decorative evergreen shrub, dark green, shiny leaves. Decorative in pots or tu. 18 inches to 2 feet. 30 cts; \$3.00 per dozen.

Common Laburnum or Golden Chain (*Cytisus laburnum*)

A native of Europe, with shining and smooth foliage. The name "Golden Chain" alludes to the length of the drooping racemes of yellow flowers which appear in June. 3 to 4 feet, 50 cts. each, 10 for \$1.00.

American or Mountain Laurel (*Kalmia Latifolia*)

Sometimes called Calico Bush. A beautiful native evergreen shrub with shining foliage and dense clusters of pink or nearly white flowers in Spring. Requires same treatment as the Rhododendron. 18 inches, \$1.00 each.

Rhododendron Ponticum

Magnificent Flowering Evergreen shrubs. Conceded by landscape gardeners and other horticultural experts to be the most beautiful and valuable of all hardy plants. In addition to the beautiful bloom it furnishes in June, its broad elegant massive foliage wins for it first place in the estimation and admiration of all. 1½ to 2 feet. 75 cts. each; \$8.00 per dozen; 2½ to 3 feet, \$1.00 each; \$10.00 per dozen.

White Spruce (*Abies Alba*)

A native tree of medium size of pyramidal form. Foliage silver gray, bark light colored. Very hardy and valuable. 1 foot, 50 cts.; 1½ feet, 75 cts. each.

WOOD'S UNRIVALED ASSORTMENT Garden Collection of Hardy Bulbs



For Spring Flowering Outdoors

This collection is made of the same choice bulbs offered in this catalog, and contains the best sorts for this purpose. The bulbs will bloom at different periods, and afford an endless display of beauty and grandeur from the earliest spring to commencement of summer. As prices are much lower than our regular rates, we can make no substitution.

PRICE OF FULL COLLECTION, \$5.00; HALF OF THIS COLLECTION, \$3.00
Express or Freight Charges to be Paid by Purchaser.

- 24. Bedding Hyacinths. Red, white and blue.
- 18. Hyacinths. White, Italian and Blue and Rose Roman.
- 50 Wood's Special Mixed Single Tulips.
- 50 Wood's Special Mixed Double Tulips.
- 10 Keizerkroon Tulips.

- 10 Cottage-Maid Tulips.
- 24 Mixed Parrot Tulips.
- 12 Poeticus Narcissus.
- 12 Princeps Narcissus.
- 12 Double Incomparabilis Narcissus
- 60 Crocus. Named sorts; separate colors.
- 100 Crocus. Finest mixed colors.
- 12 Anemones. Single mixed.

- 12 Anemones. Double mixed.
- 12 Chionodoxa Lucilae. (Glory of the Snow).
- 12 Spanish Iris. Mixed colors.
- 12 Scilla Siberica.
- 12 Sparaxis Tricolor. Mixed.
- 24 Snowdrops. Single.
- 4 Lilium Candidum.

Rising Sun Narcissus

This is a yellow Narcissus exactly like the Giant White, except the flowers are a rich yellow instead of white. Excellent for growing in water and rocks and when grown this way will bloom in from six to eight weeks from the time they are planted. Plant six or eight bulbs in a china or glass bowl and give the same treatment as Giant Whites. Our stock of these is limited, so we advise our customers to order early. Large bulbs, each 6 cts.; doz., 60 cts.; 100, \$3.50. Postage or Express prepaid.

Giant White Narcissus

THE MOST SATISFACTORY FLOWER THAT CAN BE GROWN IN THE HOUSE FOR WINTER BLOOMING.

They will bloom in water and rocks from six to eight weeks from time of planting, and are superior to Chinese Lilies. The flowers are larger, more attractive in color and very fragrant. A very unique simple and novel way to grow this variety of Narcissus is to place six or eight bulbs in a shallow glass or china bowl with water; support the bulbs with pebbles or gravel as you would the Chinese Lily, and place the bowl in the dark until the roots have started, when you should bring them to the light. The water requires changing occasionally to keep it pure. Planted any time in September or October can be easily brought into flower by Christmas. Each, 5 cts.; dozen, 50 cts.; 100, \$3.00. Delivered anywhere in the United States.

GIANT WHITE NARCISSUS

Makes beautiful house-blooming Flowers, grown in open bowls with pebbles in water.

Grape Hyacinths

Beautiful little flowers for planting in masses either in shade or sun. Once planted where they can remain undisturbed, they multiply very rapidly. Also adapted for winter flowering in the house. Cultivate the same as Hyacinths. Blue: 15 cts. doz.; \$1.00 per hundred, postpaid; White: 20 cts. per doz.; \$1.25 per 100, postpaid.

How to Plant and Grow Bulbs

Cultural Directions are given under the head of each different class of bulbs. These directions are the same as followed by our most successful flower growers, and the result of our own personal observation and experience. The best success may be expected from our bulbs, provided reasonable care and attention is given.

Time for Planting out-of-doors is from September 15th until about December 15th. Planting is sometimes done even two weeks later, if the ground can be worked; but in order to get a good selection, it is much better to order early in the season, and plant out about October 1st, as this will give the bulbs time to get well-rooted before freezing weather.



Giant White Narcissus grown in Water.



La Grandesse Hyacinth.

HYACINTHS

The First Flowers of importance to bloom in the Spring. Produce Beautiful Spikes of Bloom Strikingly Attractive in their Richness and Variety of Color.

Culture in Pots.—Use any good, rich soil, mixed with a little sand, potting so as to leave the top of bulb even with the soil. For a single plant use a 4 or 5-inch pot; but the effect will be prettier if three, six or as many as a dozen are planted together in a larger size pot, and still more effective if all are of one color. The soil should be pressed firmly around the bulbs, but do not pack it hard underneath. After potting, water thoroughly and place in some cool, dark place for four or five weeks, watering once about every ten days, enough to keep the soil moist.

A still better plan is to sink the pot in the earth about six inches, covering with soil, choosing some position where they will not get too much water. For a succession of bloom, bring the first out about December 1, and every two weeks thereafter until February 1. The room in which they are to flower should be only moderately warm, and when they begin to bloom, give plenty of water, and as much fresh air as possible. Too much heat has a tendency to dry up the flower and greatly decreases the blooming period.

Culture in Glasses.—For this purpose the largest and the heaviest bulbs should be used; therefore, we strongly recommend our **Exhibition Hyacinths**, and the single sorts are the best. Fill the glass with water so that only the base of the bulb is immersed in it, and remove to a dark, cool place, till the roots have grown almost to the bottom of the glass. The water should be changed every week or two to keep it pure, and in doing this, draw the roots entirely out of the glass and rinse both with clear water. When brought to the light, shade the glass from the full rays of the sun, the effect of which is to heat the water to a fatal degree and remove from the window at night if very cold. Give plenty of fresh water and as much fresh air as possible when they begin to bloom.

Culture in Open Ground.—Any good garden soil will suit Hyacinths and the depths at which they are planted should be determined by the character of the soil. If clay or very heavy, bulbs should not be covered more than three inches; if light, from four to six inches. They should be protected with manure, leaves or coarse litter to keep them from freezing.

Wood's Exhibition Single Hyacinth Collections

Collection of "Special Merit"

The kinds mentioned below are "Varieties of Special Merit." They have been taken from our General List of Standard Sorts on account of their free-blooming qualities, and they can be relied upon as the very best free-blooming kinds in cultivation.

	Each	Dozen
La Grandesse. —Pure snow-white; fine, large, well shaped bells; early.....	\$0.15	\$1.25
L'Innocence. —Pure white; very large bells; flowers early.....	.12	1.10
Garibaldi. —Brilliant carmine; very early.....	.12	1.10
Gertrude. —Fine dark pink; very large bulb.....	.15	1.20
Queen of the Blues. —The largest light-blue Hyacinth in cultivation.....	.15	1.25
Grand Maitre. —Deep porcelain-blue; the truss is large.....	.12	1.10
Ida. —The best pure yellow; delicate stem, with small bells.....	.15	1.25

Collection of one of each of the above seven kinds for 80 cts., postpaid.

Collection No. 1

For growing in glasses. Contains one first-size bulb, each, of the following twelve popular varieties. **Price, \$1.20, postpaid.**

Whites.—Alba Superbissima, Mad. Vander Hoop, Grandeur Merveille, Grand Vedette.

Reds and Pinks.—Gertrude, Norma, Robt. Steiger, Lord Macaulay.

Blues.—Charles Dickens, La Peyrouse, Marie.

Yellow.—Ida.

Collection No. 2

For growing in pots. Contains one first-size bulb, each of the following twelve excellent varieties. **Price, \$1.20, postpaid.**

Whites.—La Grandesse, Albertine, Snowball, Grandeur A Merveille.

Pinks and Reds.—Gigantea, Gertrude, Gen'l Pellisier, Lord Macaulay.

Blues.—Baron Von Thuyl, Queen of the Blues, Blue Mourant.

Yellow.—Ida.

Collection No. 3

Double flowering Hyacinths. Contains one first-size bulb, each of the following standard varieties. **Price, \$1.25, postpaid.**

Whites.—La Tour d'Auvergne, La Virginite, Prince of Wateloo, Royal Bouquet.

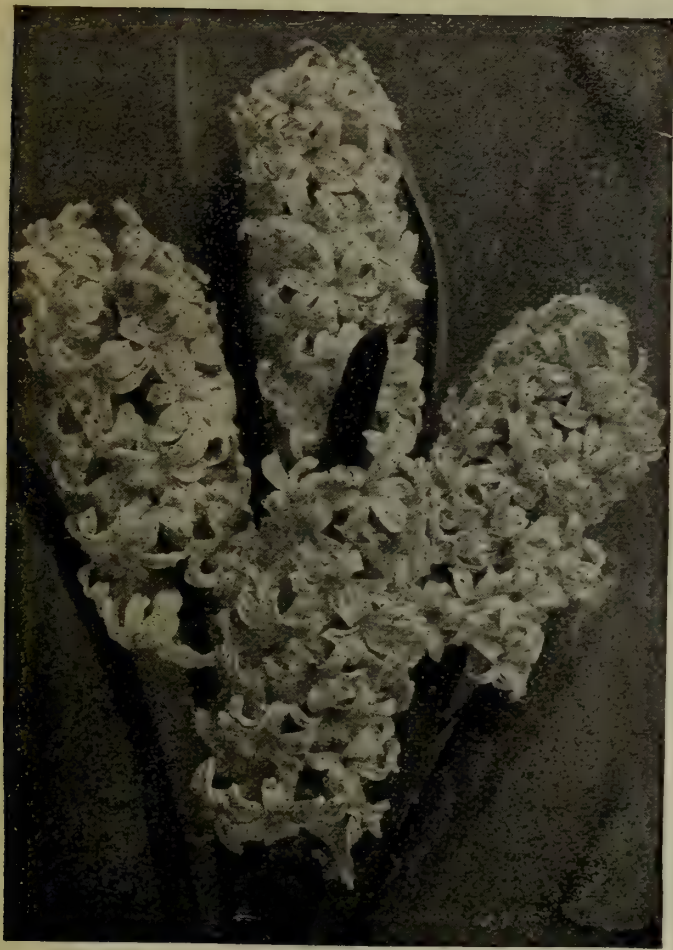
Pinks and Reds.—Grootvorst, Bouquet Tendre, Lord Wellington.

Blues.—Bloksberg, Garrick, Van Speyk.

Yellows.—Goethe, Minerva.

Wood's Exhibition Single Hyacinths

12 cts. each, \$1.00 per doz.; \$2.00 for 25; \$7.50 per 100; 6 sold at dozen rates; 50 at hundred rates. Postage, 15 cents per dozen extra. At single rates, no charge for postage.



Wood's Exhibition Single Hyacinths

SINGLE WHITE.

- Alba superbissima.**—A very fine white, tall spike.
Albertine.—Pure white, fine for forcing.
Grandeur a Merveille.—Blush white, very large.
Grand Vedette.—Pure white, very large bells; early.
La Grandesse.—Extra fine; pure white.
L'Innocence.—Tall spike; pure white; good for forcing.
Mad. Van der Hoop.—Pure white, large bells. Very early and one of the best whites for forcing.
Mt. Blanc.—Fine pure white, large spike.
Snowball.—Pure snow-white; fine large bells; early.
Voltaire.—Pale waxy blush.

SINGLE BLUE AND PURPLE.

- Baron von Thuyll.**—One of the darkest blue and purple Hyacinths known and of easy culture; bells small and thickly set upon a long stem.
Bleu Mourant.—Splendid violet-blue.
Charles Dickens.—This is of light porcelain color; very pretty.
Czar Peter.—Very large bells, of clearest porcelain-blue; beautifully blotched with purple; large truss, and easily forced.

COLLECTION OF ONE OF EACH OF THE ABOVE 30 KINDS, \$2.50—PURCHASER PAYING CHARGES.

- Grand Maitre.**—Deep porcelain-blue; large truss.
King of the Blues.—Dark blue; large spike.
La Peyrouse.—Delicate lavender; an unusually pretty shade.
Marie.—Rich purple; enormous truss.
Queen of the Blues.—Clear sky-blue; fine spike of very large bells.

SINGLE RED AND PINK.

- Garibaldi.**—Brilliant carmine.
Gen. Pelissier.—Deep crimson; fine truss; early.
Gertrude.—Fine, dark pink; very large bulb.
Gigantea.—Fine, light pink; large spike; small bells.
Lord Macaulay.—Deep carmine-pink with white eye, extra large and compact spike.
Norma.—Very large bulb and easily forced in pots and glasses. Vigorous grower, producing very large spikes. Color, delicate flesh-colored pink.
Robert Steiger.—Fine, large, bright red; popular.

SINGLE YELLOW.

- Ida.**—Pure yellow; fine spike.
King of the Yellows.—Fine, bright yellow.
Sonora.—Orange-yellow, tinted rosy-salmon.
Yellow Hammer.—Fine, rich golden yellow.

Wood's Exhibition Double Hyacinths

This List embraces the Very Finest Double Varieties in Cultivation, but we would Advise our Customers to Plant our Exhibition Single Hyacinths, as the Flowers are Very Much Larger.

12 cents each, \$1.00 per dozen, \$2.00 for 25, \$7.50 per 100. Add 15 cents per dozen by mail. Single bulbs mailed free.

DOUBLE WHITE.

- La Tour d'Auvergne.**—Pure white, and the earliest double white; valuable for house-growing.
La Virginite.—Very large spike; creamy white.
Prince of Waterloo.—White, rosy center; large spike and large bells.
Royal Bouquet.—Pure white; flowers borne on long stems.

DOUBLE RED AND PINK.

- Bouquet Tendre (Waterloo).**—Very fine dark red; good bloomer.
Bouquet Royal.—Bells borne on long stem; color, salmon-pink, red centre; very attractive.
Grootvorst.—Peach-blossom pink; good truss.
Lord Wellington.—Extra fine blush pink; immense bells, and very early.

DOUBLE BLUE.

- Bloksberg.**—Light blue, large bells, of a beautifully marbled appearance; it is one of the best double blues early.
Garrick.—Azure-blue; large, compact; spike.
Van Speyk.—Bright lavender-blue; very compact spike, with extra large bells.
Rembrandt.—Dark porcelain-blue; splendid spike; late.

DOUBLE YELLOW.

- Bouquet Orange.**—Reddish yellow; small spike.
Goethe.—Light yellow, vigorous grower, and one of the best double yellows.
Minerva.—Fine orange-yellow, extra large flower.

COLLECTION OF ONE OF EACH OF ABOVE FIFTEEN KINDS, \$1.20, BY MAIL, \$1.40.

Hyacinth Glasses

Hyacinths can be easily and successfully grown in water, single varieties being generally used. Glasses, assorted colors, 20 cts. each, \$1.75 per dozen. Cannot be sent by mail.

Last fall I planted two dozen of your hyacinths, which produced wonderfully beautiful spikes of snow-white flowers. They were praised by every one who saw them.—Mrs. W. F. SPROTT, Columbus Co., N. C., May 8, 1911.

The hyacinths I have from bulbs bought of you last fall are superb.—Miss KENT, Louisa Co., Va., April 24, 1911.

Wood's Exhibition Single Hyacinth growing in glass.



Select List of NAMED HYACINTHS, Second Size Bulbs



SUPERIOR SINGLE HYACINTHS
Grown in Pots

These bulbs, while a little smaller in size than our Exhibition Hyacinths, will be found very satisfactory either for pots or outside. They are specially recommended for bedding, producing magnificent spikes, and are far superior to the ordinary Mixed Hyacinths. The varieties offered below bloom about the same time, and all the bulbs of any sort can be depended on to produce the same shade and grow to an equal height, so that in forming combinations contrasting colors can be selected with certainty, and the effect is greatly increased.

Prices, all varieties, each 8 cts.; doz., 75 cts.; 25 for \$1.35; 100, \$5.00. If by mail, add 10 cts. per dozen for postage.

SINGLE WHITE.

Alba Superbissima.—Pure white.
Albertine.—Pure white.
Grandeur a Merveille.—Blush white.
Grand Vedette.—Pure white.
La Grandesse.—Pure white; large bell.
L'Innocence.—Pure white.
Mad. Van der Hoop.—Pure white; early.
Snowball.—Pure white.

SINGLE RED AND PINK.

Garibaldi.—Carmine pink.
Gigantea.—Light Pink.
Gertrude.—Dark pink.
Robert Steiger.—Bright red.

General Pelissier.—Deep crimson.
Norma.—Flesh-colored pink.
Lord Macaulay.—Carmine-pink.

SINGLE BLUE.

Baron von Thuyll.—Dark purple.
Grand Maitre.—Deep porcelain-blue.
Charles Dickens.—Light porcelain.
Czar Peter.—Porcelain blue.
La Peyrouse.—Delicate lavender.
Marie.—Rich purple; large truss.
Queen of the Blues.—Light blue.

SINGLE YELLOW.

Ida.—Pure yellow.

Wood's Superior Hyacinths, in Separate Colors

Wood's Superior Hyacinths in separate colors can be sold at considerably less price than where it is necessary to keep and name each individual bulb separately. These bulbs are all good-sized flowering bulbs, much larger than the ordinary mixed Hyacinths, and give excellent satisfaction for general forcing, for cut-flowers, or out-door garden blooming in beds or borders.

Six sold at dozen rates; 25 at 100 rates; 1,000 prices on application.

	By mail, postpaid		By Express				By mail, postpaid		By Express		
	Each.	Doz.	Each.	Doz.	100.		Each.	Doz.	Each.	Doz.	100.
SINGLE.						DOUBLE.					
Red and Dark Red,.....	\$0.06	\$0.60	\$0.05	\$0.50	\$3.50	Red and Dark Red,.....	\$0.06	\$0.60	\$0.05	\$0.50	\$3.75
Pink and Rosy,.....	.06	.60	.05	.50	3.50	Pink and Rosy,.....	.06	.60	.05	.50	3.75
Pure White,.....	.06	.60	.05	.50	3.50	Pure White,.....	.06	.60	.05	.50	3.75
White Shaded,.....	.06	.60	.05	.50	3.50	White Shaded,.....	.06	.60	.05	.50	3.75
Light Blue,.....	.06	.60	.05	.50	3.50	Light Blue,.....	.06	.60	.05	.50	3.75
Dark Blue,.....	.06	.60	.05	.50	3.50	Dark Blue,.....	.06	.60	.05	.50	3.75
Yellow,.....	.06	.60	.05	.50	3.50	Yellow,.....	.06	.60	.05	.50	3.75
Mixed—All colors,.....		.60		.50	3.25	Double—All colors,.....		.60		.50	3.50

Miniature, or Dutch Roman Hyacinths

Excellent for growing in pots, pans or boxes, blooming freely and early. They may be planted close together in pots or pans, or in beds in the open ground. We offer choice named varieties as follows, viz.:

Grandeur a Merveille.—Blush white.
La Grandesse.—Pure white.
Gertrude.—Pink.

Baron von Thuyll.—Dark blue.
Queen of the Blues.—Light Blue.
Gen. Pelissier.—Red.

Prices: Dozen, 40 cts.; 25 for 70 cts.; 100, \$2.50. If to be sent by mail, add 10 cents per dozen for postage.

Roman Hyacinths

The flowers while smaller than those of the Dutch Hyacinths, are borne in much greater abundance, each producing about six graceful spikes of bloom, which makes it a most valuable sort for cutting. They can be forced very easily, and if planted early and brought into the house at intervals of about two weeks, will yield a succession of blooms from Christmas to Easter. The Blue, Yellow and Rose sorts flower about two weeks later than the White, and we especially recommend them with the White Italian for out-door planting.

	By mail, postpaid		By Express		
	Each.	Doz.	Each.	Doz.	100.
White Mammoth—13 to 15 centimeter,.....	\$0.07	\$0.70	\$0.06	\$0.60	\$4.50
White, Large—12 to 13 centimeter,.....	.06	.60	.05	.50	3.50
Rose—Pink,.....	.06	.60	.05	.50	3.25
Blue—Light,.....	.06	.60	.05	.50	3.00
White Italian, or Persian—Largest size					
bulbs for out-door planting,.....	.06	.60	.05	.50	3.00

Remember: If you want flowers in your house this winter, or in your garden next spring, you must plant bulbs this fall.

The Hyacinth and Tulip Bulbs bought from you last fall are now in full bloom and are decidedly the finest I have ever had. I planted the bulbs outside the last of November and have not touched them since. Will want my order duplicated this fall.—T. E. PETTUS, Henrico Co., Va., April 15, 1912.



White Roman Hyacinths.

TULIPS

Culture in Pots.—For this purpose always select named sorts, and we suggest that the bulbs be all of one variety in the same pot. Put three in a 5-inch pot, or more in proportion in larger pots. Use ordinary good garden soil, and plant so that the top of the bulb will be just even with surface of the soil. Water thoroughly, and then give same treatment as hyacinths in pots (see page 38). The Duc Van Thol varieties are the earliest to flower in pots.

Culture Out-of-Doors.—In preparing a bed for Tulips, care should be taken to have it so shaped that it will shed water, and the soil should be worked deep and made rich. Plant the bulbs 3 to 4 inches deep, according to the stiffness of the soil, and from 4 to 6 inches each way. Treat the bed same as outdoor culture for hyacinths, giving protection with a covering of leaves or coarse manure. Every year or two take the bulbs up and replant, as they work themselves down too deep to bloom well.

Tulips for Cut Flowers

Tulips make one of the best, brightest and most attractive and satisfactory flowers for the table that can be used. They will also last as long or longer than any cut-flowers which are used for decorations. A bed of assorted Tulips used for this purpose will furnish a continuous feast for weeks during the early spring, when there are practically no other outdoor flowers in bloom.

Our Collections embrace the best sorts, and we have indicated their earliness of flowering by letters. Those marked "A" are the earliest flowers; "B" next, etc. Height in inches is indicated by figures.

SELECT NAMED TULIPS Single Varieties

If sent by mail, add 5 cts. per doz., 40 cts. per 100, for postage.
Six sold at dozen rates, 25 at 100 rates. Price per 1,000 on application.

	Doz.	100.
Artus (B 7).—Fine bright red; excellent for bedding; 3 for 10 cents.,	\$0.25	\$1.50
Belle Alliance (B 9).—Beautiful dark scarlet; sweet-scented; fine for forcing or bedding; 3 for 10 cts.,	.40	2.25
Canary Bird (A 8).—Clear, rich, golden yellow; excellent for forcing or garden; 3 for 10 cts.,	.30	1.50
Chrysolora (B 9).—Pure yellow; large showy flower. One of the best of this color for bedding, retaining its color until the petals drop; 3 for 10 cts.,	.25	1.50
Couleur Cardinal (C 10).—Large, bronze-scarlet distinct and fine. Each, 5 cts.,	.40	2.25
Cottage Maid (B 9).—White bordered with delicate pink. This variety is worthy of special mention, being a vigorous grower, and one of the best sorts for bedding and forcing; 3 for 10 cts.,	.25	1.50
Crimson King (B 9).—Fine, showy, bright, crimson; large flowers; good bedder; 3 for 10 cts.,	.25	1.50
Duchess of Parma (B 9).—Red; yellow border; extra large flowers; one of the most vigorous growers and best bedders in our list; 3 for 10 cts.,	.25	1.50
Duc Van Thol.—The earliest of all Tulips and very valuable for early forcing.		
Scarlet (A 7).—2 for 5 cts.,	.25	1.75
Red and Yellow (A 7).—2 for 5 cts.,	.25	1.50
White (A 7).—3 for 10 cts.,	.30	2.00
Rose (A 7).—3 for 10 cts.,	.30	2.00
Yellow.—(A 7).—3 for 10 cts.,	.35	2.00
Joost Van Vondel (B 10).—Glossy cherry-red and white; one of the best; each, 5 cts.,	.35	2.00
Keizerkroon (B 10).—Deep crimson, with broad orange border; good for forcing; large and effective, 3 for 10 cts.,	.30	1.75
L'Immaculee (A 9).—Pure white; large flower; fine forcer, 3 for 10 cts.,	.25	1.50
La Reine (A 8).—Good white, tinged rose; fine for pots; 3 for 10 cts.,	.25	1.50
Pottebakker, Scarlet (A 9).—Bright scarlet, large flower; 3 for 10 cts.,	.35	2.50
Pottebakker, White (A 9).—Pure white; large and showy; 3 for 10 cts.,	.35	2.25
Proserpine (A 8).—Rich carmine-rose; large and very effective; can be forced by Christmas; each 8 cents, 3 for 10 cts.,	.50	3.50
Rosa Mundi (B 8).—Bright pink, feathered white, 3 for 10 cts.,	.25	1.50
Vermillion Brilliant (B 9).—Splendid dazzling vermilion; extra fine for pots or massing in beds; very effective; each, 5 cts.,	.50	3.50
Van der Neer (B 8).—Finest of Violet; 3 for 10 cts.,	.40	3.00
Yellow Prince (B 9).—Large golden yellow; very showy; 3 for 10 cts.,	.25	1.50

Collection of Single Early Tulips

1 each of the above 24 grand named sorts, 24 bulbs,	\$1.00
3 each of the above 24 grand named sorts, 72 bulbs,	2.00
6 each of the above 24 grand named sorts, 144 bulbs,	3.25
12 each of the above 24 grand named sorts, 288 bulbs,	5.50

PURCHASER PAYING CHARGES.



Keizerkroon Tulips

Double Varieties

	Doz.	100.
Couronne d'Or (B 10).—Large, double, rich yellow, with small mixture of red; 4 inches in diameter. This is certainly one of the most attractive tulips in cultivation; each 7 cts.,	\$0.40	\$3.00
Duke of York (B 10).—White, blood-red center; 4 inches in diameter; each, 5 cts.,	.25	1.50
Gloria Solis (A 9).—Rich bronze-crimson, with yellow edge; large; 3 for 10 cts.,	.30	1.75
Imperator Rubrorum (A 9).—Dark scarlet; large and double; each, 5 cts.,	.40	.300
La Candeur (B 8).—Pure White; good for bedding, forming a splendid contrast with Rex Rubrorum,	.25	1.75
Murillo (B 8).—Magnificent bluish white, shaded rose; the surest and best bloomer; 3 for 10 cts.,	.30	2.00
Rex Rubrorum (B 9).—Bright crimson-scarlet; splendid for bedding; 3 for 10 cts.,	.30	1.75
Rose Blanche (B 8).—New, white; very large; splendid for pots or bedding; 3 for 10 cts.,	.25	1.50
Rubra Maxima (B 8).—Dazzling carmine scarlet, lower half of outer petals flamed with green; 3 for 10 cts.,	.30	2.25
Salvator Rose (B 8).—Deep rosy-pink shaded with blush white. Fine for bedding or forcing; 3 for 10 cts.,	.30	2.00
Tournesol (B 9).—Red, yellow edge; sweet-scented; easily forced; showy tulip for bedding; 3 for 10 cts.,	.30	2.00
Yellow Rose (C 12).—Large golden yellow flower; late; cannot be forced; 3 for 10 cts.,	.25	1.50

Collection of Double Early Tulips

1 each of the above 12 named varieties, 12 bulbs,	\$0.50
3 each of the above 12 named varieties 36 bulbs,	1.00
6 each of the above 12 named varieties, 72 bulbs,	1.75
12 each of the above 12 named varieties, 144 bulbs,	3.00

Single Unnamed Tulips for Bedding

These make a fine effect where a solid color is desired and their cost is not so much as the named varieties. The following four kinds bloom together.

	Doz.	100	1,000.
Wood's Special Mixed Pink,	\$0.25	\$1.25	\$11.00
Wood's Special Mixed Red,	.25	1.25	11.00
Wood's Special Mixed Yellow,	.25	1.25	11.00
Wood's Special Mixed White,	.25	1.20	10.00

Choice Mixed Tulips

If to be sent by mail, add 5 cents per dozen, 40 cents 100 for postage.

WOOD'S SPECIAL MIXED DOUBLE.—Composed entirely of named sorts, proper proportion of bright colors all blooming together; an unexcelled mixture; 20 cts. per doz.; \$1.00 per 100; \$9.00 per 1,000.

Fine Mixed Double.—First quality; 15 cts. per dozen; 85 cts. per 100; \$8.00 per 1,000.

WOOD'S SPECIAL MIXED SINGLE.—An extra fine mixture, composed entirely of named sorts of brightest colors blooming together; 20 cts. per dozen; \$1.00 per 100; \$9.00 per 1,000.

Fine Mixed Single.—First quality, 15 cts. per dozen; 80 cts. per 100; \$7.00 per 1,000.

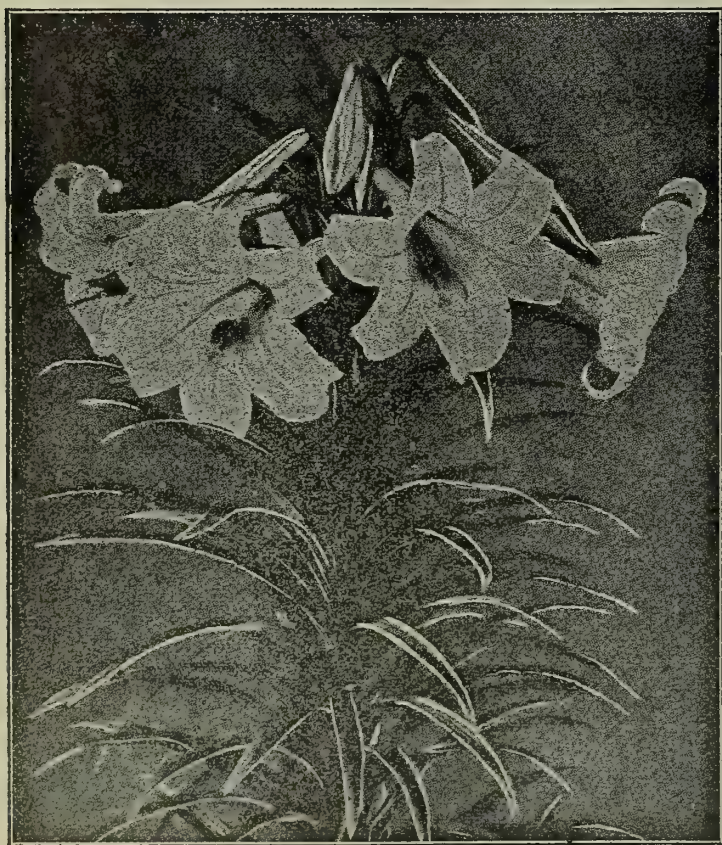
PARROT TULIPS

The flowers of the Parrot Tulip are very peculiarly formed, the petals are all curiously slashed, while the colors are very brilliant and attractive. Chiefly used for out-door planting, and also desirable for baskets, etc. They will stand a little forcing late in the season. An excellent flower for cutting.

Fine Mixed Colors—20 cents per dozen; \$1.00 per 100; \$9.00 per 1,000.

LILIES

The BERMUDA EASTER LILY (*Lilium Harrisii*)



Bermuda Easter Lily

The grandest forcing Lily in cultivation, bearing a profusion of bloom that is marvelous. The flowers are of purest waxy white, and each plant bears from five to fifteen blooms, according to size of the bulb. Very easy to grow, and by bringing to the light at different times a succession can be had from Christmas to Easter. A great favorite both for pots and garden culture.

Mammoth Bulbs.—For exhibition plants; 40 cts. each; \$3.50 per dozen. By mail, \$4.00 per doz.

Large Bulbs.—(Eight to twelve flowers).—20 cents each; \$2.00 per doz.; \$12.00 per 100. By mail, \$2.25 per dozen.

Ordinary Bulbs.—(Five to eight flowers).—10 cts. each; 80 cts. per dozen; \$6.00 per 100. By mail, \$1.00 per dozen.

LILIUM CANDIDUM

Annunciation, Madonna, or St. Joseph's Lily

An old favorite garden lily, with snow-white, fragrant blossoms. It is good for forcing and blooms in the open ground in May. Mam. Bulbs, 15c. each; \$1.50 per doz.; \$10.00 per 100. Large Bulbs, 10 cts each; \$1.00 per dozen; \$6.00 per 100. By mail, 25 cts. per dozen extra.

The stately grace, magnificent beauty of form and variety in color of lilies are unsurpassed by any of the class of hardy plants. They begin flowering in May, and the various species continue in uninterrupted succession until autumn. The bulbs increase year by year, and planted in clumps or set in beds 12 to 15 inches apart, soon multiply, forming masses of marvelous and exquisite flowers.

Culture Out-of-Doors.—Lilies can be planted in the garden, either in the fall or early spring, but fall planting is better. Select a partially shaded situation and have the ground thoroughly spaded and enriched with well-rotted manure, and shape the beds so as to shed water. Plant the bulbs from 5 to 7 inches deep, placing under each a handful of sand for drainage. Protect the bed thoroughly when cold weather approaches with a heavy coating of leaves or coarse litter, as on this depends the success of lilies in the garden.

BEAUTIFUL JAPAN LILIES

Ready November First.

Auratum.—The magnificent gold-banded Lily of Japan. The flowers are very large, sometimes 12 inches across, of purest white, thickly studded with maroon spots, while through the center of each petal runs a clear golden band. Blooms from June to October. Extra large bulbs, 20 cts. each; \$2.00 per dozen. By mail, \$2.50 per dozen.

Speciosum album.—One of the most popular lilies grown, bearing large, pure white flowers of delicate beauty, on strong stems. Excellent for pots or bedding. Blooms in August. Height, 2 to 4 feet; 25 cts. each, \$2.50 per dozen. By mail, \$3.00 per dozen.

Speciosum rubrum.—Same habit as the Speciosum album. Color white, shaded with deep rose and spotted crimson. One of the most beautiful of all lilies; 20 cts. each; \$2.00 per dozen. By mail, \$2.25 per dozen.

Collection of one each of the above—3 beautiful Japan Lilies, 60 cents, by mail, postpaid.

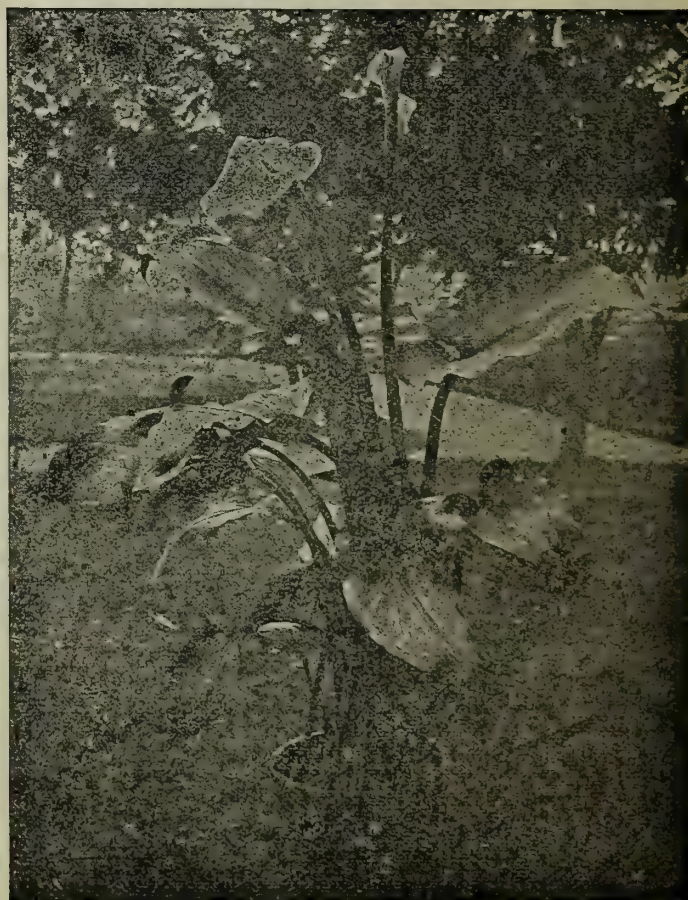
CALLA LILIES

Well-known house plants of great popularity. Of very easy culture; their one necessity being plenty of water. Our bulbs are large California dry roots, which are best for forcing, producing blooms much more abundantly than those usually grown in the house.

Mammoth Roots.—25 cents each; \$2.50 per dozen.

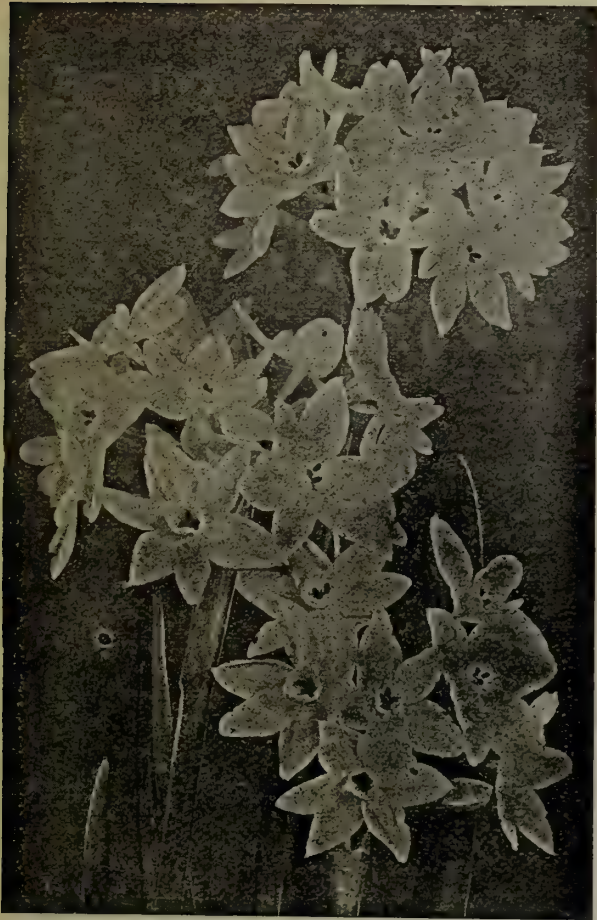
First Size Roots.—15 cents each; \$1.50 per dozen.

Medium Size Roots.—10 cents each; \$1.00 per dozen.



Calla Lily

Narcissus, Daffodils and Jonquils



PAPER WHITE GRANDIFLORA NARCISSUS
Grows excellently in bowl of water, with gravel.

Among early spring flowers these are in the front rank of popularity. Appearing just after winter, they animate our gardens with masses of gold and silver, while their fragrant blossoms in the home are invaluable for decorative purposes.

Culture in Pots.—Treatment same as for tulips in pots. The Polyanthus varieties are the earliest blooming and can be forced as easily as Roman Hyacinths.

Culture out-of-Doors.—All varieties of Narcissus should be grown in clumps and patches in every suitable spot, and there is not a spot where grass will grow in which Narcissus will not succeed. In planting, be guided by the size of the bulb, allowing 4 to 5 inches between small sorts, and 6 to 8 inches between large varieties. The bulbs will soon completely fill the space, forming a compact mass, and it is then their flowers are produced the most freely. Plant the bulbs about three inches deep, according to the size of the bulb. The Polyanthus varieties require slight protection.

Polyanthus, or Bunch-Flowered Narcissus

If to be sent by mail, add 10 cents per dozen for postage.

These are generally used for forcing and bear large clusters of delicately scented flowers—white, orange, yellow, etc. They are of earliest culture, succeeding well inside or out. Protect with covering of manure or straw if planted outside.

Giant White.—For description and price see page 37.

Rising Sun.—For description and price see page 37.

	Doz.	100
Paper White Grandiflora. —These are excellent for growing in water; larger flowers and clusters than Paper White. Planted any time in September, can easily be brought into flower by Christmas.....	\$0.30	\$1.75
Grand Soliel d'Or. —Rich yellow, with orange cup; a splendid bloomer,....	.40	2.50
Gloriosa superba. —Pure white, with rich orange cup,.....	.40	2.60
Double Roman. —Clusters of white, with double yellow centers. This should be largely used, as it rarely fails to bloom very freely,.....	.30	2.00
Mixed Polyanthus. —A number of very fine varieties mixed together, producing very pleasing effects in pots or out-of-doors, .....	.25	1.50

Double Flowering Narcissus

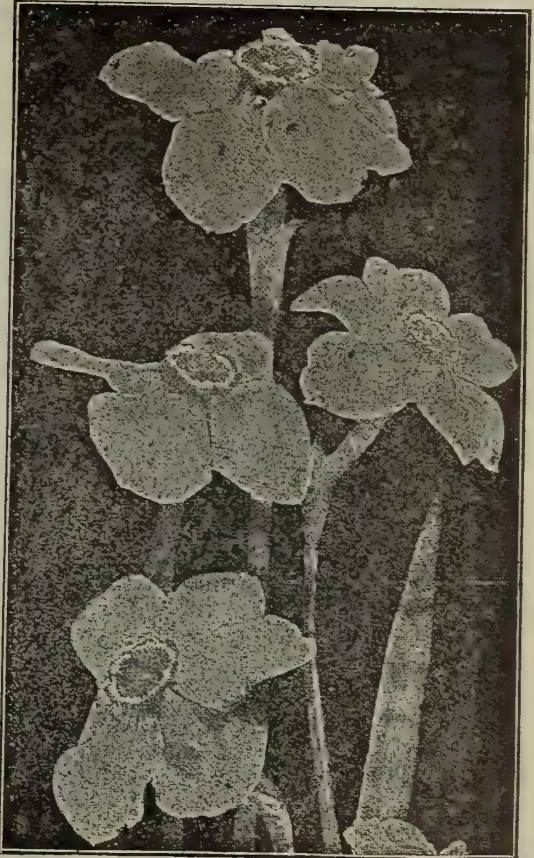
If by mail, add 8 cents per dozen for postage.

Alba plena odorata. —A double, pure white variety, with exquisitely scented flowers. Excellent for outside planting and cutting. Cannot be forced; 2 for 5 cts.,	\$0.20	\$1.00
Incomparabilis (Eggs and Bacon).—Full double flowers of rich yellow and orange; excellent for house and outside planting; 2 for 5 cts., .....	.20	1.25
VON Sion. —Rich golden yellow, with double trumpet. One of the best forcing sorts and used in immense quantities by florists. An excellent garden sort; 3 for 10 cts., .....	.30	2.00
Double Mixed. —All shades and colors.....	.20	1.00

Jonquils, or Single Trumpet Varieties

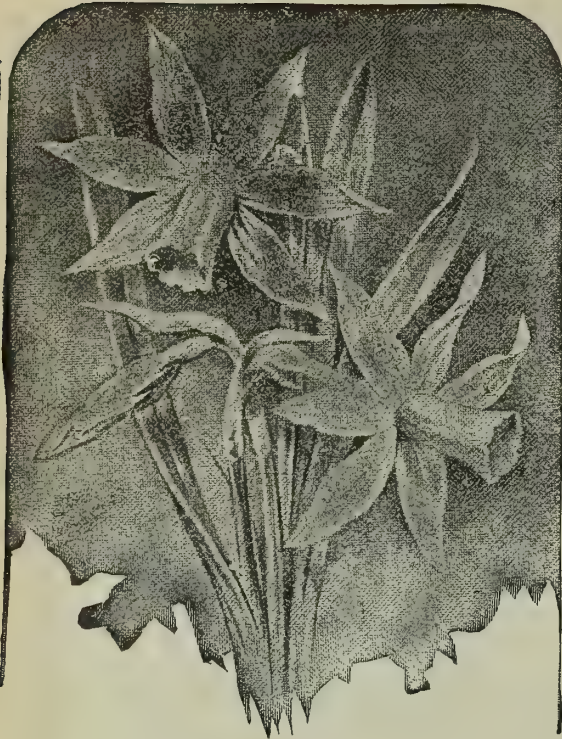
If to be sent by mail add 10 cents per dozen for postage.

	Doz.	100.
Empress. —A magnificent large variety, pure white, with yellow trumpet, bold and erect, and the best of the two-colored trumpets; each 6 cts.,	\$0.40	\$2.50
Emperor. —One of the finest Daffodils in cultivation. Flower of richest yellow; trumpet of immense size, the petals of the perianth measuring 3½ inches across; each 6 cts., .....	.40	2.50
Golden Spur. —Splendid large, bold flowers of rich yellow color; excellent for pots or garden; early and free flowering; each 6 cts., .....	.50	3.00
Cynosure. —Light yellow, with rich, broad, yellow cup. Beautiful large flowers, 3½ inches across; splendid for forcing or outside, 2 for 5 cts., .....	.20	1.25
Leedsii. —A very pretty pure white variety with star-like flowers. It is free-blooming, fine for forcing or outside and delicately scented; 2 for 5 cts., .....	.20	1.25
Poeticus (Pheasant's Eye, or Poet's Narcissus).—Pure white flowers, with orange cup, edged with deep crimson. Beautiful for outside planting. Splendid cut-flower. Owing to its great beauty this variety has never failed to please. 3 for 5 cents, .....	.15	.75
Princeps. —Deep golden yellow trumpet with sulphur perianth; large, fine flowers. One of the finest winter-flowering varieties; very early; 3 for 10 cents, .....	.25	1.25
Trumpet Major. —The standard single yellow Daffodil; deep golden yellow; splendid forcing sort, and largely used for outside planting; 3 for 10 cts., .....	.25	1.50
Single Mixed. —In all shades, varieties and colors. Made up of named sorts. Excellent for growing in masses for garden decoration and fine for cut flowers, .....	.20	1.00



Poeticus or Pheasant's Eye Narcissus

Chinese Sacred, or Oriental Narcissus



Single Jonquils

and then cover with a little extra soil. They can be planted in little groups of three or four bulbs of different colors together. The effect in the spring is beautiful, and the Crocus will be through flowering before it is necessary to cut the grass with the lawn mower. After flowering, the cutting of the grass does not injure the bulbs, and they will reappear year after year, proving an ever-recurring delight in the early spring. They are also very useful to plant in hyacinth or tulip beds, between the rows, thereby giving a succession of early flowers. Set the bulbs 2 inches deep and 2 or 3 inches apart, and plant as early in the fall as possible.

Named Large Flowering Crocus

Flowers much larger and borne in greater profusion than the mixed sorts. These bloom well in the house, planted 2 inches apart in shallow boxes of loamy soil.

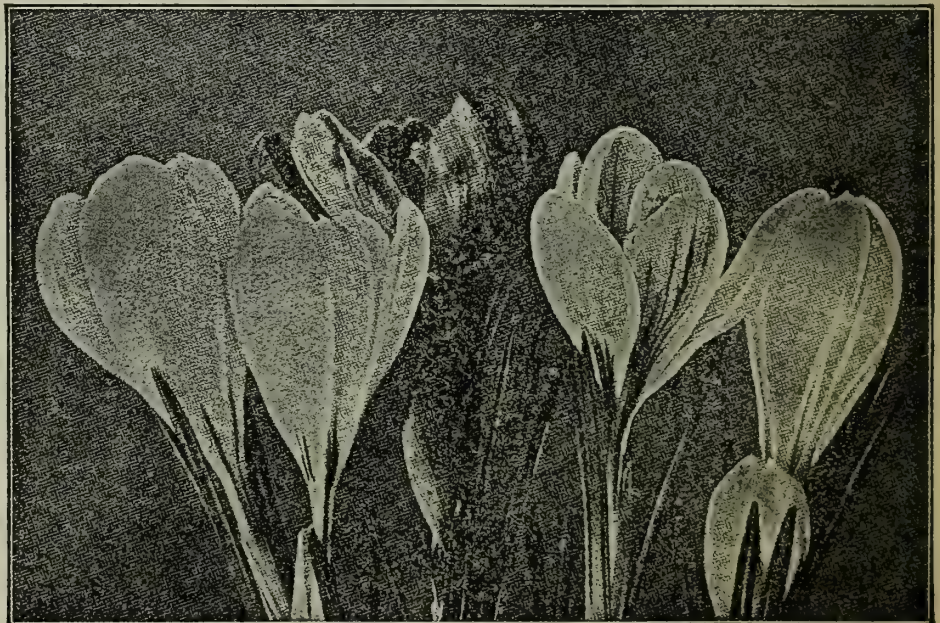
If by mail, add 20 cts. per 100; 5 cts. per dozen.

	Doz.	100
Albion.—Fine dark purple.....	\$0.15	\$0.80
Mont Blanc.—Pure white.....	.15	.80
Sir Walter Scott.—Striped.....	.15	.80
Coth of Gold.—Rich yellow.....	.15	.80
Mammoth Yellow.....	.20	1.00
Wood's Special Mixed.....	1,000, \$6.50	.15 .75

Mixed Crocus

If by mail, add 15 cts. per 100; dozen sent free.

	Doz.	100
Yellow.—Large.....	\$0.10	\$0.50
White.....	.10	.50
Blue and Purple.....	.10	.50
Striped.....	.10	.50
Mixed.—All colors.....	.10	.40



Large Flowering Crocus

This variety is grown by the Chinese for celebrating their New Year festivals, and as an emblem of good luck. It is one of the most satisfactory and easily forced of all bulbs, attaining such rapid growth and luxuriant development that you can almost see them grow. The bulbs are of immense size, each producing ten to fifteen flower stalks and bearing a profusion of large delicately scented blooms; white, with orange cup. They can be grown in pots of earth, but are more novel and ornamental in shallow bowls of water, a few pebbles or small shells being placed around the bulb to keep it from turning over when in flower. The water requires changing occasionally to keep it pure. The bulbs commence to grow in a few days, blooming in about six weeks. A dozen bulbs started at intervals will give a succession of flowers throughout the winter. Our stock is of the very best, carefully picked, largest sized bulbs; inferior bulbs generally fail to flower.

Price (true Chinese grown): By mail, each 15 cts.; 3 for 40 cts.; dozen, \$1.35 postpaid; By express, each 10 cts.; 3 for 25 cts.; dozen, \$1.00.

Double Sacred Lily (Roman Narcissus)

To be grown in water and rocks the same as the Chinese Sacred Lily. The flowers are white with double yellow center and are free bloomers, early and very fragrant. Each 5 cts.; doz. 50 cts. postpaid.

Jonquils

Old-fashioned yellow flowers of the Narcissus family, but smaller and shorter flowers.

Single Sweet-Scented.—Three for 5 cts.; dozen, 15 cts.; 100, 85 cts.

Double Sweet-Scented.—Dozen, 35 cts.; 100, \$2.50.

Campanelle.—Large flowers; an excellent variety for forcing or outside planting; two for 5 cts.; dozen, 20 cts.; 100, \$1.00.

CROCUS

One of the earliest blooming spring flowers and very effective in lawns and borders. They show off very prettily when planted in the turf of a lawn. When planting in the lawn, make a small hole about 2 inches deep with a dibble or sharp-pointed stick, planted in this way without disturbing the appearance of the lawn. For best effect to cut the grass with the lawn mower. After flowering, the cutting of

From a bulb of Giant White Narcissus purchased from you last fall. I had two clusters of 14 blooms each and one cluster of 13 blooms. The bulb was planted in a vase containing shells and water. If any one had a bulb to produce more than 41 blossoms, I should like to know of it. To me, mine was a wonder.—MRS. T. B. DAVIS, Carteret Co., N. C., January 21, 1910.

I have used your Hyacinths, Double and Single, and know them to be good.—W. H. GURKIN, Martin Co., N. C., May 23, 1910.

REMEMBER:—If you want flowers in your house this winter, or in your garden next spring, you must plant the bulbs this fall.

Miscellaneous Bulbs for Fall Planting

The following list of bulbs includes varieties both for pots and out doors. We give the following instructions as to planting, to which reference is made where special cultural instructions are not necessary.



Allium Grandiflorum

Culture A, for Small Bulbs in Pots.—Plant six to eight bulbs in a 6-inch pot, placing them 1 to 2 inches apart, the top of the bulb to be just under the surface of the soil. Water well and keep in a dark, cool place about ten days; afterwards set in a sunny window.

Culture B, for Large Bulbs in Pots.—Plant one bulb in a 5 or 6-inch pot, potting so as to leave the top slightly protruding above the soil; treat same as "Culture A."

Culture C, for Small Bulbs Outdoors.—Set the bulbs 1 to 2 inches deep and 2 to 3 inches apart, covering lightly with soil.

Allium Grandiflorum

Splendid for winter flowering in the house. The flowers are pure white, borne in loose clusters and are excellent for cutting. Height, 15 to 18 inches. Culture A. 3 for 10 cts.; dozen, 20 cts.; 100, \$1.25.

Amaryllis

Ready November 1st.

We think Amaryllis should be very largely grown, as they rank among the most beautiful house flowers grown. They are as easily grown as hyacinths. Cultivate as per direction B, using 8-inch pots.

Johnsoni (Barbadoes Spice Lily).—This is the largest and best variety; rich crimson with white band in center of each petal. They bloom early in the season, each spike bearing four to eight flowers, which are most beautiful. **Each, 30 cts.; doz., \$3.00.**

Belladonna.—An autumn-blooming variety of great beauty and fragrance. The spikes grow to 2 or 3 feet high; large clusters of beautiful silvery white flowers, flushed and tipped with rose. **Each, 20 cts.; doz., \$1.75.**

Anemones

Attractive and ornamental plants, bearing large single and double flowers in spring and early summer. They should be very largely planted in beds. The effect and almost invariable free-blooming qualities of these will certainly give satisfaction. Various colors—white, blue, red, etc. Culture C. (See above.)

Single Mixed.—Doz., 15c.; 100, \$1.00.

Double Mixed.—Doz., 25c.; 100, \$1.75.

Bleeding Heart (Dielytra Spectabilis)

One of the most beautiful spring-flowering plants, bearing long racemes of beautiful pink and white heart-shaped blossoms. Perfectly hardy and easily grown. Culture same as for paeonies; **each, 20 cts.; dozen, \$1.75** Ready middle of November.

Chionodoxa, (Glory of the Snow)

Beautiful early spring-flowering bulbs, producing flower-stalks bearing ten to fifteen lovely scilla-like flowers. Splendid for clumps of edgings, and blooming at the same time as snowdrops, form an excellent contrast if planted together. Perfectly hardy outdoors, and fine for winter forcing. Culture A or C.

Luciliae.—Charming bright blue, with large white center; **two for 5 cts.; doz., 20 cts.; 100, \$1.25.**

Gigantea.—Unusually large flowers of lovely lilac-blue, with white center; **two for 5 cts.; doz., 25 cts.; 100, \$1.50.**

Bermuda Buttercup Oxalis

One of the finest winter-flowering bulbs grown. A single plant, well grown, will fill a 6-inch pot, throwing up 50 to 70 stems which bear an immense number of flowers of bright butter cup yellow. They commence blooming in about six weeks, and continue in greatest profusion and uninterrupted for weeks. Extra large bulbs; **two for 5 cts.; doz., 25 cts.; 100, \$1.75.**

VARIOUS OXALIS

Ready in October.

Pretty little plants for pots, hanging-baskets or rockeries. The foliage of itself is very ornamental, and the bright little blossoms are charming.

Culture.—Plant 6 to 12 bulbs in a pot, placing them about 3 inches below the soil. Water well and set in a warm, sunny window.

Prices of the following sorts: Two for 5 cts.; doz., 25 cts.; 100, \$1.50.

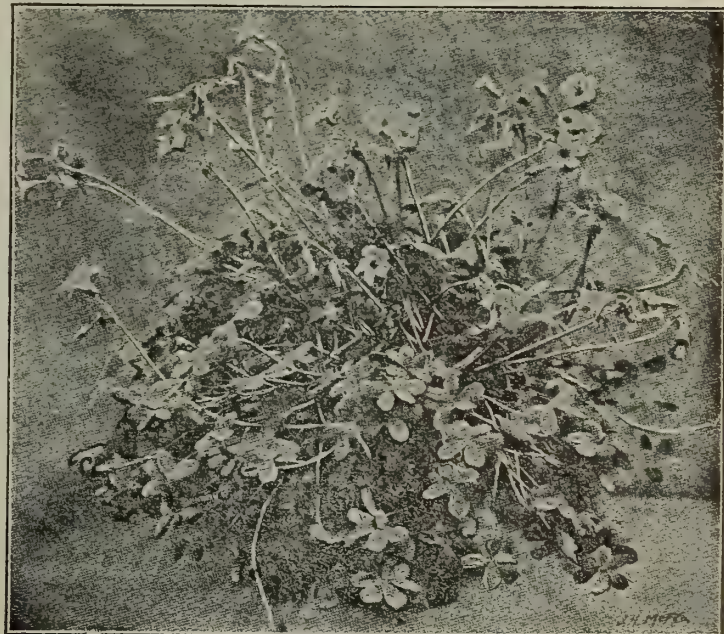
Bowei.—Vivid rosy crimson; large, handsome, thick foliage.

Rose.—Fine large pink.

Versicolor.—Crimson and white; the earliest of all to flower and continues flowering about two months.

Mutiflora Alba.—Pure white.

Mixed.—Three for 5 cts.; doz. 15 cts.; 100, \$1.00.



Bermuda Buttercup Oxalis



FREESIA.

Freesia Refracta Alba

One of the most charming bulbs known for winter-flowering and cut-flowers. The blooms are grown on long, graceful stems and are white, delicately scented and very pretty. They force very easily, and can be readily brought into bloom by Christmas, if desired, and by having a dozen or more pots started in a cold frame, a succession of flowers may be had throughout the winter. Our stock is the very best, being large California-grown roots. Culture A.

Monster Bulbs.—Three for 10 cts.; doz., 25 cts.; 100, \$2.00.

Large Bulbs.—Three for 5 cts.; doz., 15 cts.; 100, \$1.00.

Iris (Fleur de Lis)—Fine, free-blooming bulbs for beds and borders. Colors vary from white and yellow to purple and black. When once established, continue to bloom each year.

English (Iris Anglica).—Large, handsome flowers, with rich blue, purple and lilac colors predominating. Height, 18 to 20 inches. Culture C. **Mixed colors, 2 for 5 cts.; doz., 25 cts.; 100, \$1.50.** Add 5 cts. per dozen, if by mail.

Spanish (Iris Hispanica).—A beautiful small variety, often called the Orchard Iris, from its delicately formed, beautiful flowers. Excellent for pots and outside. Colors, violet, yellow, blue, white, etc. Culture A or C. **Mixed varieties, 3 for 5 cts.; doz., 15 cts.; 100, \$1.00.**

Ixias—Charming little plants for pots, producing slender, graceful spikes of rich, varied and beautiful flowers. The center is always different from other parts of the flower, so that the blossoms opening in the sun's rays present a gorgeous display. Culture A. **Mixed colors, 3 for 5 cts.; doz., 15 cts.; 100, 75 cts.**

Double Chinese Paeonies

Paeonies have always held an important place among hardy plants, and with the wonderful improvements made during recent years, have established themselves among the leaders for popular favor.

Their requirements are so simple—a good, rich, deep soil and an open, sunny position, if possible—which, however, is not absolutely necessary, as they thrive almost equally as well in a partially shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring, and produce during their flowering season a gorgeous effect not equaled by any other flower.

They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or disease of any kind, and once planted take care of themselves, increasing in size and beauty each year.

The roots may be planted at any time during the fall or early spring, but for best results they should be set out in fall.

Strong Roots.—Colors, red, pink or white; each, 25 cts.; doz. \$2.50; postage, 5 cts. each, extra. Ready middle of November.

Ranunculus

A pleasing class of bulbs, succeeding remarkably well in pots or open ground. Vivid colors range through white and crimson to purple. Culture A or C.

Double Turban Mixed.—Paeony-formed flowers; three for 5 cts.; doz., 15 cts.; 100, 75 cts.

Double French Mixed.—Vigorous growers, with immense flowers; 3 for 5 cts.; doz., 15 cts.; 100, 75 cts.

Lily-of-the-Valley

Beautiful, modest, bell-shaped flowers, of pure chaste white, borne in graceful racemes too well known to need description. They are highly prized for cutting, and can be forced readily in a 7 or 8-inch pot. We handle these in very large quantities, and our stock is the famous Berlin-grown, three years old, and can be depended upon to give the best results. Culture A or C.

Extra-Selected Pips.—Dozen, 30 cts.; 100, \$1.75; by mail, 100, \$2.00. Ready about December 15.

Scilla Siberica

One of the most beautiful hardy spring bulbs, producing a profusion of exquisite rich blue flowers. If grown in masses their flowers fairly carpet the ground, and if grown with Crocus and Snowdrops, the effect is magnificent. Excellent also for pots. Culture A or C. **Three for 5 cts.; dozen, 15 cts.; 100, \$1.15.**

Snow Drops

These graceful little plants are among the earliest spring flowers, often shooting up their delicate snowy white blossoms before the snow is off the ground. They produce beautiful effects planted in masses or edgings, and can be used with Scilla, Chionodoxa or Crocus for contrast. All of these small bulbs show prettily nestling in the turf, coming up from year to year. They are also used for planting between the rows of hyacinths and tulip beds, blooming just as the larger bulbs are coming up, the foliage afterwards forming a carpet of delicate green, which adds greatly to the effect. Culture C.

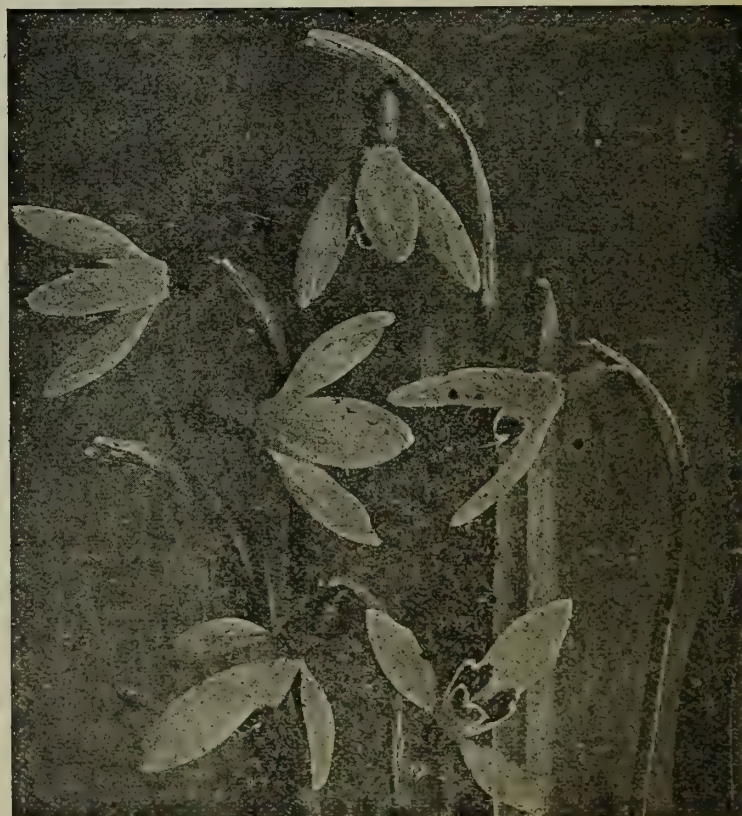
Single.—Three for 5 cts.; doz., 15 cts.; 100, 75 cts.

Double.—Two for 5 cts.; doz., 25 cts.; 100, \$2.00.

Elwesi (Giant Snowdrop).—Two for 5 cts.; doz., 20 cts.; 100, \$1.00.

Sparaxis

A class of bulbs having large, beautiful flowers of various bright colors—crimson, scarlet, white, etc.; mottled and striped in the most pleasing and diverse manner. They are excellent for pots or cold-frames and succeed well outside with protection in cold weather. Culture A or C. **Mixed varieties, 2 for 5 cts.; doz., 20 cts.; 100, \$1.25.**



Elwesi Giant Snowdrop

Flower Seeds for Fall Sowing

In the South perennials, biennials and hardy annuals may be sown outside in the fall. These sowings make finer plants, much earlier and larger blooms and more brilliant colors. Perennials and biennials bloom the next summer, advancing the blooming season a year. Annuals should have a slight covering of straw in extreme weather; tender perennials should be carried through the winter in the house.

For Full Descriptions See Annual Catalog HARDY PERENNIALS and BIENNIALS

ALYSSUM.—Saxatile, pkt. 5c.; oz., 40c.
ANTIRRHINUM.—Pkt., 3c.; oz., 35c.
AQUILEGIA.—Double and Single, each pkt., 2c.; ¼ oz., 10c.
CALLIOPSIS.—Lanceolata, pkt., 5c.; ½ oz., 15c.
CANDYTUFT.—White Perennial, pkt., 10c.
CANTERBURY BELLS.—Single, pkt., 3c.; ½ oz., 15c. Double, pkt., 5c.; ¼ oz., 20c. Calycanthema, pkt. 5c.; ¼ oz., 25c.
CARNATION.—Mixed, pkt., 5c.; ¼ oz., 25c.; oz., 75c. Finest German Double Mixed, pkt., 15c. Marguerite, pkt., 10c.; ¼ oz., 25c. Chabaud's Perpetual, pkt., 10c.
CENTAUREA.—Margarita, pkt., 5c.; ¼ oz., 20c. Candidissima, pkt. 10c.; ¼ oz., 25c. Gymnocarpa, pkt., 5c.; ½ oz., 30c.; oz., 50c.
CHRYSANthemum.—Japanese, pkt., 10c.

DAISY.—Shasta, pkt., 10c.
DAISY, DOUBLE.—Pure White, pkt., 5c.; ½ oz., 30c.; Mixed Colors, pkt., 5c.; ½ oz., 25c.
DIANTHUS OR PINK.—Wood's Superb Mixture, pkt., 10c.; ¼ oz., 25c.; oz., 75c. Wood's Mixture of Double Pinks, pkt., 5c.; ¼ oz., 15c.; oz., 50c. Wood's Mixture of Single Pinks, pkt., 5c.; ¼ oz., 15c.; oz., 40c. Snow-drift, pkt., 10c. Fireball and Fringed Pinks, each pkt., 5c.; ¼ oz., 20c. Double China and Double Japan, pkt., 3c.; ½ oz., 15c.
DIGITALIS.—Pkt., 3c.; oz., 20c.
ESCHOLTZIA.—Bush, pkt., 5c.; ¼ oz., 15c.
FORGET-ME-NOT.—Mixed, pkt., 3c.; ¼ oz., 15c. Eliza Ponrobert, pkt., 7c.; ¼ oz., 20c.
GAILLARDIA.—Grandiflora, pkt., 5c.; ½ oz., 15c.

HOLLYHOCK.—Double Mixed, pkt., 5c.; ¼ oz., 20c. Allegheny, pkt., 8c.; ¼ oz., 25c. Double Everblooming, pkt., 10c.; ¼ oz., 30c. Single Everblooming, pkt., 7c.; ¼ oz., 20c.
KENILWORTH IVY.—Pkt., 5c.
LARKSPUR.—Perennial, pkt., 5c.; oz., 40c.
LYCHNIS.—Pkt., 3c.; ½ oz., 15c.
PENTSTEMON.—Pkt., 5c.; ¼ oz., 15c.
PHLOX.—Hardy, pkt., 10c.; ¼ oz., 35c.
POPPY.—Iceland, pkt., 5c.; ¼ oz., 20c.; oz., 65c. Oriental, pkt., 10c.; ¼ oz., 30.
PRIMEOSE.—Evening, pkt., 3c.; oz., 25c.
PYRETHRUM.—Pkt., 3c.; ¼ oz., 15c.
ROSE CAMPION.—Pkt., 3c.; oz., 20c.
STOKESIA CYANEA.—Pkt., 10c.
SUNFLOWER.—Perennial, pkt., 10c.; ¼ oz., 60c.
SWEET WILLIAM.—Single Mixed, pkt., 3c.; ¼ oz., 10c.; oz., 25c. Double Mixed, pkt., 5c.; ¼ oz., 20c.; oz., 65c.

TENDER PERENNIALS

ABUTILON.—Mixed Colors, pkt., 10c.
BEGONIA.—Vernon, pkt., 10c.
CALCEOLARIA.—Pkt., 25c.
CINERARIA.—Pkt., 25c.
CYCLAMEN PERSICUM.—Pkt., 10c.
FERNS.—Mixed Varieties, pkt., 15c.
FUCHSIA.—Mixed Colors, pkt., 15c.
GERANIUM.—Apple Scented, pkt., 15c.

GLOXINIA.—Mixed Colors, pkt., 25c.
HELIOTROPE.—White, pkt., 7c.; Blue, pkt., 7c. Lemoines Giant, pkt., 10c. Mixed Colors, pkt., 5c.; ¼ oz., 30c.
MIMULUS OR MUSK PLANT.—Pkt., 5c.
OXALIS.—Mixed colors, pkt., 5c.; ¼ oz., 10c.
PRIMROSE.—Chinese, pkt., 20c.

VINCA.—Rosea and Alba each, pkt., 5c.; ¼ oz., 25c. Mixed Colors, pkt., 3c.; ¼ oz., 20c.
VIOLET.—White, pkt., 10c. Blue, pkt., 10c. Mixed Colors, pkt., 7c.; ¼ oz., 40c.
WALLFLOWER.—Single Mixed, pkt., 3c.; ½ oz., 20c. Double Mixed, pkt., 10c.; ½ oz., 50c.

HARDY ANNUALS

ASTER.—Wood's Superb Mixture, pkt., 10c.; ½ oz., 30c.; ¼ oz., 50c.
Ostrich Plume, pkt., 10c.; ¼ oz., 35c.
Peony Flowered.—Pure White, Pink, Light Blue and Crimson, each, pkt., 8c.; ¼ oz., 30c.; Mixed colors, pkt., 7c.; ¼ oz., 25c.
Semple's Branching.—Pure White, Pink, Blue and Dark Scarlet, each, pkt., 8c.; ¼ oz., 30c. Mixed colors, pkt., 7c.; ¼ oz., 25c.
VICTORIA.—Pure White, Pink, Light Blue and Dark Scarlet, each, pkt., 8c.; ¼ oz., 30c. Mixed colors, pkt., 7c.; ¼ oz., 25c.
Comet.—Pure White, Light Blue, Crimson, and Pink, each, pkt., 8c.; ¼ oz., 30c. Mixed colors, pkt., 7c.; ¼ oz., 25c.
Giant Comet, pkt., 10c.; ¼ oz., 30c.
Ray and Unicorn Asters.—Each, pkt., 10c.
German Quilled or China.—pkt., 3c.; ½ oz., 25c.; oz., 45c.
ABRONIA.—For rockeries, pkt., 5c.
ACROCLINIUM.—Pkt., 3c.; oz., 30c.
AGERATUM.—Pkt., 3c.; ½ oz., 15c.; oz., 25c.
ALYSSUM.—Sweet, pkt., 3c.; oz., 20c. Little Gem, pkt., 5c.; oz., 30c.
CACALIA.—Pkt., 3c.; ½ oz., 15c.; oz., 25c.
CALENDULA.—Mixed colors, pkt., 3c.; oz., 15c.
CALLIOPSIS.—Golden Wave, pkt., 5c.; oz., 25c. Mixed colors, pkt., 3c.; oz., 15c.; Tiger Flower, pkt., 10c.
CANDYTUFT.—Empress, pkt., 5c.; oz., 20c. White Rocket, pkt., 5c.; oz., 15c. Mixed colors, pkt., 3c.; oz., 15c.
CATCHFLY.—Pkt., 3c.; oz., 20c.
CENTAUREA.—Cyanus, pkt., 3c.; oz., 15c.

CENTRANTHUS.—Pkt., 3c.; ½ oz., 15c.
CHRYSANthemum.—Evening Star, pkt., 10c. Morning Star, pkt., 10c. Mixed Varieties, pkt., 3c.; oz., 20c.
CLARKIA.—Pkt., 3c.; oz., 15c.
COCKSCOMB.—Tall Mixed, pkt., 5c.; ½ oz., 20c. Dwarf Mixed, pkt., 5c.; ½ oz., 35c. Plumed Varieties, mixed, pkt., 5c.; ½ oz., 20c.
ESCHOLTZIA.—Pkt., 3c.; oz., 15c.
FEVERFEW.—Pkt., 5c.; ½ oz., 20c.; oz., 35c.
GAILLARDIA.—Lorenziana, pkt., 5c.; oz., 25c. Mixed colors, pkt., 3c.; oz., 20c.
GILIA.—Pkt., 3c.; ½ oz., 10c.
GLOBE AMARANTH.—Pkt., 5c.; oz., 20c.
GOSETIA.—Pkt., 5c.; oz., 20c.
HELICHRYSUM.—Pkt., 3c.; ½ oz., 15c.
HIBISCUS.—Pkt., 3c.; oz., 20c.
KOCHIA or BURNING BUSH.—Pkt., 7c.
LARKSPUR.—Annual, Pkt., 3c.; oz., 25c.
LINUM.—Pkt., 3c.; oz., 15c.
MARIGOLD.—African, French and Silver King, each, pkt., 5c.; oz., 20c.; Miniature, pkt., 10c.
MARVEL OF PERU.—Pkt., 3c.; oz., 10c.
MIGNONETTE.—Sweet, pkt., 3c.; oz., 10c.; ¼ lb., 25c.; Wood's Superb Mixture, pkt., 10c.; ½ oz., 30c.; oz., 50c. Goliath, pkt., 10c.; ¼ oz., 15c.; Defiance, Matchet, Golden Queen and Crimson Giant, each, pkt., 5c.; ½ oz., 15c.
NASTURTIUM.—Separate colors, pkt., 3c.; oz., 8c.; ¼ lb., 35c. Mixed colors, pkt., 3c.; oz., 7c.; ¼ lb., 20c. Wood's Peerless Mixtures, pkt., 10c.; oz., 15c.; ¼ lb., 40c.

NEMOPHILA.—Pkt., 3c.; ½ oz., 15c.
NICOTIANA SANDERAE.—Pkt., 5c.
NIGELLA.—Pkt., 5c.; ½ oz., 10c.
PHLOX.—Mixed Colors, pkt., 5c.; ¼ oz., 15c.; oz., 45c.; Dwarf Mixed, pkt., 8c.; ½ oz., 25 c.; Star and Fringed, pkt., 7c.; ¼ oz., 20c.; Grandiflora Phlox, Separate Colors, white, scarlet, yellow, rose pink, dark purple, and striped, each, pkt., 8c.; ¼ oz., 25c.; oz., 75c.; Grandiflora Mixed Colors, pkt., 7c.; ¼ oz., 20c.; oz., 65c.
POPPY.—Wood's Superb Mixture, pkt. 10c.; ½ oz., 20c.; oz., 35c. Special Single Mixture and Special Double Mixture each, pkt., 7c.; ½ oz., 15c.; oz., 25c. Empress of China, pkt., 10c.; Featherball, pkt., 10c.; Admiral, pkt., 7c.; Striped Japanese, pkt., 5c.; ½ oz., 15c.; Shirley, pkt., 3c.; oz., 30c. Tulio pkt., 5c.; ½ oz., 15c.; Carnation Flowered and Peony Flowered, each, pkt. 3c.; oz., 15c.
SCABIOSA.—Pkt., 3c.; oz., 25c.
VIRGINIAN STOCK.—Pkt., 3c.; oz., 20c.
WALLFLOWER.—Annual, pkt., 10c.; ¼ oz., 20c.
ZINNIA.—Double Mixed, pkt., 3c.; ½ oz., 15c.; oz., 25c. Grandiflora Mixed, pkt. 7c.; oz., 40c.; Crisp and Curly and Miniature, each, pkt. 10c.; ¼ oz., 25c. Curled and Crested, pkt., 5c.; ½ oz., 20c. Tom Thumb, pkt., 7c.; ¼ oz., 25c. Striped or Zebra, pkt. 7c.; ½ oz., 20c.
WILD FLOWER GARDEN MIXTURE, pkt., 3c.; oz., 10c.; ¼ lb., 20c.; lb., \$1.00. postpaid.

Wood's Royal Pansies,

Sow in the Fall for the earliest and largest blooms

Saved from plants selected for the beauty and size of their blooms, our aim being variety and brilliancy of colorings, strong marking, abundance of bloom and long keeping qualities. Fall sowings produce earlier, larger and more brilliant blooms than spring sowings. They will stand the severest winter without protection. Grow them in a shady position in a rich moist soil.

Pansies in Separate Colors

All of the following varieties, each, Pkt. 5cts.; ¼ oz., 30 cts.; oz. \$1.00. Any 10 packets for 35 cts.

Cardinal.—Brilliant brownish red; very striking.
Emperor Frederick.—Dark red, with orange scarlet border.

Emperor William.—Ultramarine blue, with violet eye.

Fairy Queen.—Sky blue; pure white border.

Faust, or King of the Blacks.—Almost black.

Fire King.—Golden yellow, the upper petals reddish brown, margined yellow; very showy.

Gold-Margined.—Mahogany brown, gold border.

Lord Beaconsfield.—Violet, shading to white on upper petals.

Light Blue.—Lovely sky-blue, with dark eye.

Meteor.—Yellow, spotted with brown and margined with gold.

Silver-Edged.—Dark purple, with a distinct white edging.

Snow Queen.—Beautiful large pure white.

Striped and Blotched.—Very brilliant.

White, Black Center.—Very fine and distinct.

Yellow.—Bright golden yellow, with dark center.



Wood's Royal Pansies

Pansy Mixtures

Wood's Royal Pansy Mixture.—A magnificent mixture, excelling in an endless variety of the richest colors, which with the large size and perfect form, make it indeed a "royal mixture." Pkt., 10 cts.; 3 pkts. for 25 cts.; ½ oz., 50 cts.; oz., \$3.00.

Wood's Exhibition Pansy Mixture.—The richest and handsomest pansy mixture in existence. It contains seeds saved from the finest specimen plants grown by eminent pansy specialists in Germany and France, making a mixture as near perfect as it is possible to obtain. The blooms will average 2 to 3 inches across, of every imaginable pansy color and combination of colors, some 5 spotted, others margined, veined, blotched and mottled in endless variety of markings and colors. Pkt. 25 cts.; ½ oz., \$1.00.

Wood's Superb Frilled.—Each petal is frilled or curled, giving the appearance of a double pansy. This unusual formation adds greatly to its keeping quality. Our mixture contains all the newest introductions and is very fine. Pkt., 15 cts.; 2 pkts. for 25 cts.

Large Flowering Trimardeau.—A distinct strain with remarkably large blooms, generally marked with large blotches; colors rich and varied. Pkt. 5 cts.; ¼ oz., 35 cts.; oz. \$1.00.

Mixed Pansies—Large Flowering.—A very superior mixture of all colors, shades and markings; rich and beautiful. Pkt., 3 cts.; ¼ oz. 25 cts.; oz., 75 cts.

Sweet Peas, Fall Plantings give earliest blossom and a longer blooming season

In November or December plant 4 to 6 inches deep, giving slight protection, and they will become well rooted and grow off at the first opening of spring and yield an abundance of bloom earlier and longer than if planted in the spring. Use plenty of well-rotted manure and don't gather the blooms grudgingly—the more you pick them, the longer and better they will bloom.

We have discarded from our list all except the very choicest of each color, from pure white to deepest maroon, so as to avoid a long and confusing list. Our prices are low, but were we to charge many times more the stocks could not be better.

Packet 3 cts.; ounce 10 cts.; ¼-lb. 25 cts.; lb. 75 cts. postpaid.

Captain of the Blues.—Nearly true blue; flowers large.

Countess of Lathom.—A beautiful and delicate cream pink.

Dainty.—Large pure white, edges tinted with pink. Long stems.

Dorothy Eckford.—One of the best pure white sorts. Extra large; 3 to the stem.

Emily Henderson.—Large, clear, pure white.

Flora Norton.—Bright clear blue, with faint tint of purple.

Gladys Unwin.—A grand pink. Large, bold flower with waved standard.

Helen Pierce.—Bright blue mottled on ivory white. Exceptionally attractive.

Hon. Mrs. E. Kenyon.—Deep primrose-yellow; a beautiful extra large flower.

Janet Scott.—Clear, deep but bright pink, showing buff at top of standard.

Jeanie Gordon.—Bright rose on primrose; wings primrose, tinted light pink.

King Edward VII.—Bright, rich crimson-scarlet. One of the best.

Lady Grisel Hamilton.—Best of all the lavender varieties; extra large.

Lord Nelson.—A fine deep, dark, rich navy-blue. Very attractive.

Lord Roseberry.—Rosy magenta; flower large; very free flowering.

Lottie Eckford.—White; edges of standard and wings shaded with lilac.

Lovely.—Beautiful shell pink, tinged with yellow. Flower large; four on a stem.

Miss Willmot.—Richest orange-pink, delicately shaded with rose.

Mont Blanc.—Christmas Sweet Peas. Best for forcing. Pure white; good size.

Mrs. Collier.—Rich primrose; large flower.

Mrs. Walter Wright.—Large, rosy purple, changing to rich bluish purple.

Othello.—Deep maroon; of fine form and size. One of the best dark sorts.

Prima Donna.—Exquisite clear pink; large flowers; profuse bloomer.

Queen Alexandra.—Brilliant scarlet; magnificent large waved flower.

Stella Morse.—Deep cream shading to primrose. Very beautiful.

Cupid Sweet Peas

Distinct from other sorts; 6 to 9 inches high, spreading out and forming a mass 1½ feet across. Very neat, compact, bushy, with flowers as large and fragrant as the tall kinds. Fine for pots, borders, and masses.

White Cupid } Each, pkt. 3c.; oz. 8c.;
Pink Cupid } ¼ lb. 20c.; lb. 60c.,
Mixed Cupid } postpaid.

Bush Sweet Peas

Of perfect bush form, 15 to 18 inches high, and produce a mass of bloom at the top of the plant. Require no support when grown in rows, but single plants should be staked. All colors mixed. Pkt. 3 cts.; oz. 8 cts.; ¼ lb. 20 cts.; lb. 60 cts., postpaid.

Sweet Peas in Mixtures

Wood's Special Mixture—A peerless mixture and absolutely the finest that can be made. It is a blend of the best sweet peas in cultivation, no dull colors, all choice giant flowering varieties of every color and type, the colors being evenly distributed throughout. No matter at what price or under what high-sounding name it may be offered, for diversity of color, size and beauty of flowers, no other mixture can possibly surpass our "Special Mixed." Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts., postpaid.

Wood's Superb Spencer Mixture

The newest introduction in sweet peas, differing from the old type in having waved or fluted standards. The flower stems are 12 to 14 inches long, very strong, and usually bear four blooms which under favorable growing conditions measure two inches across. Pkt. 7 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.25, postpaid.

Large Flowering Mixed.—A very good mixture of all the old varieties; will give a good display throughout the season. Pkt. 3 cts.; oz. 8 cts.; ¼ lb. 20 cts.; lb. 50 cts., postpaid.

Double Sweet Peas.—Have multiplied standards, sometimes three and even four, each as large as single blossoms. About 75 per cent. come double. Pkt. 5 cts.; oz. 8 cts.; ¼ lb. 20 cts.; lb. 50 cts., postpaid.

Perennial, or Everlasting Sweet Peas.—Once planted, these live year after year, bearing magnificent clusters of flowers early in the spring before the annual kinds begin to flower. Perfectly hardy; 8 to 10 feet high. Mixed colors. Pkt. 5 cts.; oz. 25 cts.

HARDY ROSES, Strong, Vigorous Outdoor Grown Plants.

We can ship these Roses at any time during November or December, or in open weather in January, February or March. The earlier they are set out, however, the better. When set out, they should be planted about an inch deeper than the roots show they were originally grown. A light protection of litter or coarse manure for the roots, after setting out, is advisable, not so much for protection as to encourage the best root-growth and development during the winter.

Prices of all varieties (customer's selection), for shipment in November or December, 25 cts. each; \$2.50 per dozen.

Hybrid Perpetual Roses

- Alf Colomb.**—Cherry-crimson; large globular flowers; erect grower and abundant bloomer.
- Baron de Bonstettin.**—Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.
- Clio.**—Flesh color shaded to the center with rose-pink; large globular flowers; vigorous, producing handsome foliage.
- Coquette des Alpes.**—Pure white; profuse bloomer; fragrant. Large, full and well formed flowers with large petals.
- Gen'l Jacqueminot.**—Bright, shining crimson; rich, velvety and fragrant; does well everywhere. Known to every one as "Gen'l Jack."
- Giant of Battles.**—Rich red; very large and of good form and substance.
- Magna Charta.**—Bright, rosy-pink; extra large fine flowers; sweet and fine form; very hardy and a good bloomer.
- Madam Plantier.**—Pure white, large and double; a June rose; very hardy; a free and continuous bloomer. Used extensively for cemetery planting.
- Paul Neyron.**—Bright, shining pink; the largest of all blooms, being very double and full; finely scented; blooms first season and all summer. Grows to great height in single season and stems are almost thornless.

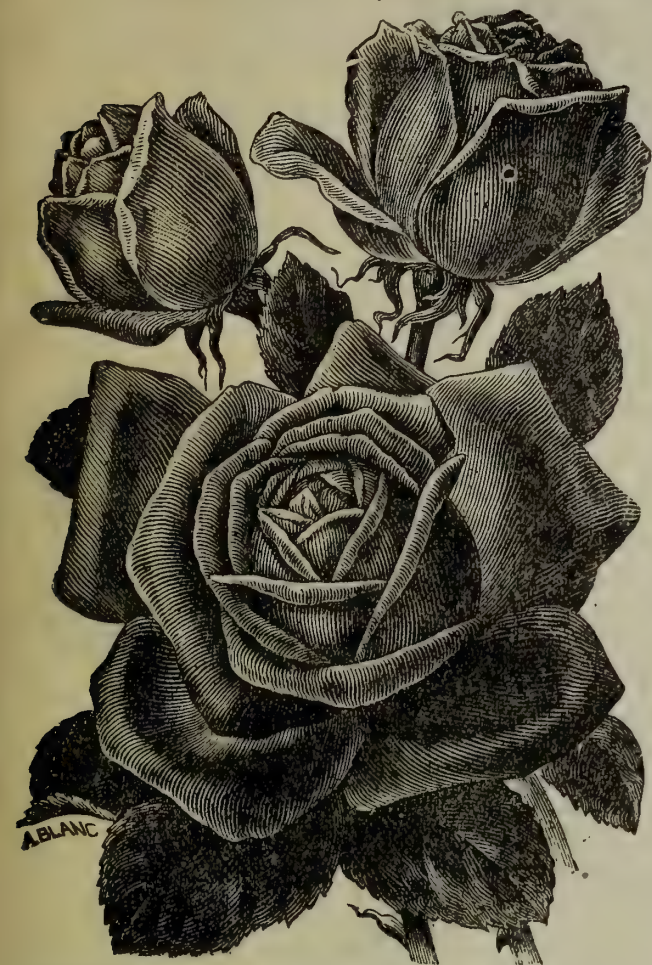
Bourbon Roses

- Burbank.**—Bright rose-pink, a shade darker than Hermosa.
- Hermosa.**—Soft, deep pink; finely formed having full, cup shaped flowers; ever blooming and hardy.
- Souvenir de la Malmaison.**—Splendid flesh pink; perfectly full, double and very large flowers of fine symmetrical form; fragrant, free and vigorous for out-of-door cultivation.

Everblooming Tea Roses

- Baldwin, (Helen Gould).**—Warm, rosy crimson; long beautiful buds and full double flowers; an incessant grower and bloomer; hardy everywhere.
- Bessie Brown.**—Creamy-white; flowers perfect in form, large size and very fragrant; strong, vigorous grower.
- Bon Silene.**—Bright, crimson-rose color; large, good shape buds and flowers with long petals.
- Bongere.**—Peach-pink, delicately shaded deep, full and double flowers; famous since 1832.

- Marie van Houtte.**—Rich creamy-white, faintly tinted with rose; extra large and double; full, sweetly scented flowers; good form and habit; a sturdy grower and a full bloomer.
- Meteor.**—Intense velvety-crimson buds, and flowers large, finely formed and full double, on long stems with healthy, bright foliage of deepest green.
- Maman Cochet.**—Rich rosy-pink, shaded to silvery-rose on outer petals; exquisite in color and graceful in form from bud to bloom and very fragrant; beautiful, healthy foliage and long soft stems.
- My Maryland.**—Salmon-pink of a soft and pleasing shade; long stems and long pointed buds; very full in bloom and very fragrant.
- Madam Abel Chatenay.**—Deep recurved petals of rose-pink, with just a slight tinge of salmon; grows well and is a perpetual bloomer; large and beautiful in bud and bloom.
- Marie Lambert.**—(Snowflake).—Pure white, does not pink; fine grower and bloomer; excellent for nursery. Sometimes called the "White Hermosa."
- Madam Lombard.**—Buds of deep rose, passing to salmon-pink; petals recurve to irregular triangular forms; very fragrant and free.
- Mrs. Benj. E. Cant.**—Bright, clear rose-pink; a good bedding rose; very free grower and bloomer.
- Richmond.**—Scarlet-crimson of a most brilliant hue; long, pointed buds and beautifully striking flowers on tall, erect stems; dark green foliage; grows rapidly and is a constant producer.
- Safrano.**—Bright saffron-yellow, the best of its color; good buds and fine star-shaped flowers; vigorous, productive and fragrant.
- The Bride.**—Pure white under glass taking on a delicate pink tinge out-of-doors. Forces well and produces abundantly for cut flowers.
- White Maman Cochet.**—Pure white and waxy under glass, taking on a pink flush out-of-doors; very large and beautiful in bud and bloom. Vigorous and produces abundantly.
- Wellesley.**—Bright, clear salmon-rose, reverse of petals silvery-rose; tall stiff canes; vigorous, healthy and free.



- Bridesmaid.**—Clear, shining pink; buds of exquisite shape; stems long and stiff; a profuse bloomer and an outdoor favorite.
- Catherine Mermet.**—Clear, shining pink, with rich amber center; elegant buds and large globular flowers. A parent of Bridesmaid and The Bride.
- Clothilde Soupert.**—Ivory white, shading to deep pink at center; medium size flower, very double; a good rose for bedding out or for pot culture, a profuse bloomer and a strong dwarf grower.
- Etoile de Lyon.**—Deep, golden yellow; a healthy, vigorous grower, blooming freely, early and late; full, deep and very sweet flowers; very hardy both as to heat and cold.
- Etoile de France.**—A brilliant shade of clear red-crimson velvet, centering to vivid cerise; large flowers; very vigorous, free blooming and hardy. Its great value lies in its striking beauty out-of-doors. Bronze-green foliage.
- Entente Cordiale.**—Creamy white, edged with carmine; buds long and pointed on long stiff stems; flowers large and full.
- Gen'l McArthur.**—Rich crimson-scarlet; sweetly scented, good double form flowers, which retain their brilliancy when expanded. The best all-round garden rose of its color, free from mildew.
- Gruss au Teplitz.**—The reddest of all roses, succeeding under most ordinary conditions; hardy in all sections; grows freely to a height of four or five feet.
- Kaiserin Augusta Victoria.**—Soft pearly white, tinted with just enough lemon in the center to relieve the white; does not pink when set out; remarkably fragrant, full double blooms; a strong healthy grower.
- Killarney.**—(The Irish Beauty).—Brilliant, sparkling pink; the best known of Dickson's Irish Hybrid-Tea roses, and one of the most popular garden roses. Large pointed buds; broad, wax-like petals and large, semi-full flowers of great beauty.
- La Detroit.**—Clear, flesh-pink, shading to deep rose; fine, broad shell-like petals; very full and tea scented; a vigorous grower and an abundant bloomer.
- La France.**—Silvery-pink, with pink shades and satin-like petals; beautiful, large, symmetrical and very fragrant blooms; hardy with protection.

Rambler and Climbing Roses

Climbing Meteor.—Deep rich-crimson; grows ten to fifteen feet in one season; blooms freely and persistently; hardy with protection.

Crimson Rambler.—Vivid, crimson mass of blooms that are beautiful till late in the season; a rapid producer, growing from ten to twenty feet in one season. Perfectly hardy in most trying climates.

Dorothy Perkins.—Shell-pink that holds for a long time fading finally to a deep rose; very sweet; hardy.

Lady Gay.—Cherry-pink fading to soft white; flowers in large, loose trusses; a perfectly hardy climber.

Marechal Niel.—Golden yellow buds and blooms in great profusion, with a fragrance peculiar to itself. The finest of all yellow climbers. Grows to perfection in the South.

Mary Washington.—Pure white flowers of medium size, blooming profusely in large clusters throughout the summer, a strong grower; slight musk fragrance.

Philadelphia Crimson Rambler.—Deep rich crimson, brighter than crimson rambler; large, full and lasting flowers in panicles; very vigorous and productive; entirely free from mildew.

Reine Marie Henriette.—Rich, brilliant crimson; fine in bud with large, full, finely formed flowers; a sturdy climber and ever-blooming. Specially thrifty in the South.

Solfatarre.—Clear, sulphur yellow; full and double blooms in clusters; a vigorous climber.

Tausendschoen.—Varying shades of delicately flushed white to deep pink, in bright clusters that almost cover the foliage; a hardy climber with few thorns.

Veilchenblau.—Opens reddish lilac, changing to amethyst and steel blue; immense panicles of blooms; very nearly a blue rose. A recent introduction.

White Rambler.—Pure white flowers in great clusters. Grows vigorously.

Yellow Rambler.—Double, golden-yellow flowers in large clusters. A hardy climber.

Flower Pots and Saucers, Very Best Quality

Made for us by the best pottery in this country, and far better than the common pots usually offered. Special prices to florists using large quantities.

Charge will be made for packing pots, pans and saucers at 25 cts. for order amounting to \$2.50 or less. On large orders proportionate charge will be made. This barely covers cost of packing.

Standard Pots - Inside Measurement

Diam.	Doz.	100	1,000	Diam.	Doz.	100	1,000
2 inch	\$0.10	\$0.60	\$4.50	7 inch	\$0.08	\$0.85	\$5.75
2 1/4 "	.12	.65	5.00	8 "	.12	1.25	9.00
2 1/2 "	.15	.75	5.50	9 "	.16	1.75	12.50
3 "	.18	1.00	8.00	10 "	.25	2.50	18.00
4 "	.25	1.40	12.50	11 "	.30	3.00	22.50
5 "	.40	2.50	22.50	12 "	.40	3.75	30.00
6 "	.60	3.50	33.00				



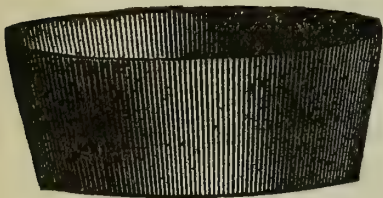
Saucers

	Doz.	100
4 inch	\$0.20	\$1.25
5 "	.25	1.50
6 "	.30	2.00
7 "	.40	2.75
8 "	.60	4.25
	Each	Doz.
9 inch	\$0.08	\$0.75
10 "	.09	.80
11 "	.10	1.00
12 "	.12	1.20

Shallow Pots

Made similar to ordinary flower pots, but flat, being only 4 1/2 to 5 inches deep. They are excellent for Bulbs, also Chrysanthemums, Ferns and other plants.

Diam.	Each	Doz.
6 inch	\$0.05	\$0.50
8 "	.10	1.00
10 "	.18	2.00
12 "	.25	2.50



Earthenware Pots for Seeds

EARTHENWARE SEED OR FERN POTS.—Round, flat, neatly made pots, 3 to 4 inches deep. Splendid for ferns or starting seeds early in the house or hot-bed—6 1/2-inch, each, 5 cts.; doz. 50 cts.; 8-inch, each, 10 cts.; doz., \$1.00; 10-inch, each, 12 cts.; doz. \$1.25.

Wood's Special Grass and Clover Mixtures

Make the largest yields of Hay and Pasturage, and are combined in proper portions to give the best results on the different soils for which they are recommended. We use only our Trade Mark Brand Seeds in these mixtures, which are all tested, both as to germination and quality. Our customers report the most satisfactory results, as to securing excellent stands and largest yields of both hay and pasturage. See pages 10 and 11 of this Catalog.

The following are extracts from customers' letters, telling of the satisfactory results from the use of our Special Grass and Clover Mixtures:

Last fall I got from you a special grass mixture for pasturing. This has proved to be the thing for pasturage. I wouldn't give it for anything I ever saw, and I am going to sow just as much this fall again.—H. L. McCALL, Caldwell Co., N. C., June 25, 1912.

Your Grass Mixture is fine. I have cut it the third time and it is coming fine. Everybody should sow it.—A. A. McLEAN, Gaston Co., N. C., May 10, 1911.

I have been sowing your Special Grass Mixtures for four years, and I find them far ahead of any grass I ever sowed. My meadows are green and nice now where others are bare.—J. T. KIONS, Fayette Co., W. Va., May 21 1912.

I seeded a five-acre pasture with your No. 7 Grass Mixture seven years ago, and am reseeded this fall for the first time.—J. W. COX, Secretary and Treasurer, Toisnot Grocery Co., Wilson Co., N. C.

The Permanent Pasture Mixture that I bought last fall is fine, and all the seed that I have ever bought from you have given great results. I will always buy from T. W. Wood & Sons.—C. W. NOTTINGHAM, Northampton Co., Va.

Your No. 8 Mixture of Grass Seeds I sowed last fall is the finest hay I ever saw. Sowed five acres of it, and think I have fifteen tons of hay from it.—JOHN S. FLEMING, Amelia Co., Va.

DON'T WRITE ABOVE

AMOUNT ENCLOSED

Date _____

P. O. Order . . _____

Express Order_____

Check or Draft_____

Cash _____

Stamps . . . _____

Total . . . _____

QUANTITY

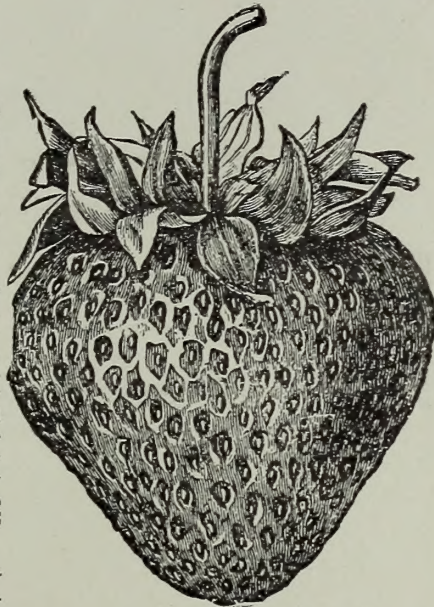
NAMES OF ARTICLES WANTED

PRICE

STRAWBERRY PLANTS

Strawberry plants for fall planting are best set out early in October, after we have had good rains. Set out at this time, they get well rooted and make good growth during the fall and winter, and will yield a fair picking of fruit next spring and a full crop the season afterwards. Book your orders for shipment early in October. Special leaflet giving information about strawberry culture mailed on request.

Red Bird—A new strawberry of southern origin, extra early in maturity and remarkably productive. Berries medium in size, firm, of bright red color and attractive appearance, and stand shipping well. The Red Bird is a pistillate variety, and consequently requires rows of other varieties to be planted through it in order to fertilize it properly. For this purpose, early blooming varieties like the Excelsior or Improved Lady Thompson should be used. As is well known, the pistillate varieties are usually considered healthier and more resistant to the strawberry weevil, which sometimes affects the productivity of this crop. **Price, by express, per 100, 75 cts.; 1,000, \$4.00.**



Virginia—A new variety which originated in this State. Very early, being within a day or two of the Excelsior. Productive and of uniform size for an extra early variety. Bright red color, makes an attractive appearance, both on vines and after it is picked. **Per dozen, 25 cts.; per 100, 75 cts.**

Excelsior—Extra early, ripening several days ahead of any other kind on our list. It is a self-pollenizer; the fruit is of excellent quality, very firm; color perfect, making an excellent shipping berry, attractive and salable. So far as tested, it has done well everywhere. In addition to its value as a market or shipping berry, it is also valuable for the home garden, both on account of its extreme earliness, attractive deep red color and excellent table and preserving qualities. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Missionary—A new variety which is proving very popular all through the trucking districts. It is a strong grower, making plants freely; early to mature, coming in directly after Excelsior, and very productive. The berries are well colored, firm, large, and hold their size well throughout the season. It is of good shipping qualities, and is being planted on quite an extensive scale by berry growers through the trucking districts. **Price, 75 cts. per 100; \$4.00 per 1,000.**

Improved Lady Thompson—For shipping and home market this is really one of the best and most profitable berries, and it seems to improve year by year. It is early to ripen, commencing to ripen directly after Excelsior. Makes a large-sized berry and is very productive. Is robust and vigorous-growing, and will stand adverse conditions both of weather and cultivation better than any other kind. At the same time it gives the very best returns from high manuring and good cultivation. It has, beyond all question, proven itself entitled to the name of "The Standard Early Market Berry." **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.** Special prices on large lots.

Tip Top—Similar to the Bubach, but superior to that variety in plant growth and fruit, and very much more productive. Imperfect bloomer, and must be planted near staminate variety. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Aroma—This is an excellent midseason and late berry. It grows to a large size, is of splendid flavor and very productive. Adapted for either home use or market. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Klondyke—The true Klondyke Strawberry, which we offer originated in Louisiana, and has proved to be one of the most valuable Southern berries in cultivation. When fully ripe it is of excellent table quality, having a decided flavor, aroma and character of its own. The Klondyke berry grows on a long stem, or, rather the heavy-laden bunches of them do. This keeps the berry clear of the ground, causing them to require less mulching than most other kinds. This is also a safeguard against frost. It is a staminate, or self pollenizer, a plant of remarkably vigorous growth and of enormous productiveness. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Howell's Seeding—This belongs to the giant tribe of Strawberries, and is also an exceedingly heavy bearer. The berries, besides being of largest size, are exceedingly well colored, attractive and fine flavored. Splendid variety for both home use and market. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Haverland—This is more generally grown than any other variety of berries in cultivation. The plant is healthy, large, vigorous; makes ample beds, and is very productive. It produces large-sized berries of fine quality and is an excellent mid-season berry for near market or home use. **Dozen, 25 cts. postpaid; 100, 75 cts.; 1,000, \$4.00.**

Brandywine—This is pronounced by one of the largest strawberry growers in the South to be the great middle-crop, all-purpose berry. It succeeds on all soils, and withstands adverse conditions of weather remarkably well. The plant is of vigorous growth, a profuse bloomer, producing berries of large size and of a brilliant and handsome color. It is a good shipper and fine-flavored berry, equally well adapted for shipping, the home, market or private garden. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Bubach—One of the best and most productive kinds in our list. It is, however, an imperfect bloomer, and requires to be planted with other kinds to fertilize properly. In vigor of plant, productiveness, large size and profitability, it has no superior. It is planted almost as generally as the Concord grape, as it succeeds in every State in the Union. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Gandy—A splendid late berry, well adapted for either market, home use or shipping. The fruit is large and firm, regular in size and shape, handsome and showy. Succeeds well wherever grown. **Dozen, 25 cts.; 100, 75 cts.; 1,000, \$4.00.**

Mellie—This is also a pistillate variety, but makes a fine conical shaped berry, of superior flavor and very productive, and of extra fine table qualities. Rather soft for shipping, but will make an excellent berry for home, market or private use. **Per dozen, 25 cts.; per 100, 75 cts.**

Charles Newman—A cross between Excelsior and Aroma. Very productive, and has fine shipping and keeping qualities. Makes very attractive berries. **Per dozen, 25 cts.; per 100, 75 cts.; per 1,000, \$4.00.**

I bought some strawberries from you two years ago and they were fine.—MRS. JAMES C. SPANN, Sumter Co., S. C., March 15, 1912.

My strawberry plants I purchased of you nearly two years ago are the finest I ever saw, and the Virginias you sent me in the order are wonderful. I never saw better berries than I am picking.—W. C. ROOSEVELT, York Co., Va., May 19, 1912.

Five hundred plants of one variety will be supplied at the 1,000 rate, or customers can select four different kinds of any varieties in an order for 1,000; or we will send 500 plants, composed of three different kinds, excepting the new varieties (customer's selection), for \$2.50. Orders for less quantity than 500 plants are charged at the 100 rate. This applies to all excepting the new varieties.

Strawberry Plants sent by mail, postage paid, at an extra cost of 5 cts. per dozen, or 15 cts. per 100, which add to catalog prices in case you desire plants sent by mail.

First-Class FARM IMPLEMENTS at Reasonable Prices.

Grain Drills, Corn Harvesters, Feed and Ensilage Cutters, Feed Mills, Evaporators, Fruit and Vegetable Cannerys, V. Crimp and other Roofing, Wire Fencing, etc.

WRITE FOR PRICES AND DESCRIPTIVE CATALOG.—We issue one of the best and most complete of Farm Implement Catalogs. It gives prices, descriptions and much interesting information. Mailed free upon request. Write for it.

The IMPLEMENT COMPANY, 1302 E. Main Street, Richmond, Va.

HENRY W. WOOD, President.

L. R. SPENCER, Secretary and Treasurer.

THE LARGEST SEED HOUSE IN THE SOUTH

WOOD'S SELECTED
EARLY JERSEY
WAKEFIELD CABBAGE

CRIMSON CLOVER

BIG
BOSTON
LETTUCE

WHITE
PEARL
ONION

ALFALFA

WOOD'S SPECIAL GRASS AND CLOVER MIXTURES
PRODUCE THE LARGEST YIELDS OF HAY OR PASTURAGE

T.W. WOOD & SONS,
SEED GROWERS AND MERCHANTS, RICHMOND, VA.

PURPLE TOP STRAP LEAF TURNIP